

# Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

JULY 1990



WORLDWIDE TV-FM DX ASSOCIATION

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11/90  
WILLIAM N NOLLMAN  
35 NYE ROAD  
GLASTONBURY CT 06033

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CANADA: \$18  
OUTSIDE NORTH AMERICA: \$27  
MAKE CHECK OR MONEY ORDER PAYABLE TO WORLDWIDE TV-FM DX ASSOCIATION.

# From The STAFF

**AMAZING E-SKIP CONDITIONS...**The late May/early June E-skip that took place across much of North America featured openings that could well have been some of the best in over ten years. WTFDAers have been observing the kinds of unusual Es events that tend to place a skip season into the "outstanding" category in the views of seasoned VHF DX enthusiasts: double hop--on FM as well as low band TV, high band TV skip with an MUF in one opening reaching channel 9, long duration openings resulting in rare all-night sessions for those who could stay awake through them, and numerous incidents of skip stations easily identified over strong locals. However, all of this took place in a relatively short period. A sharp decrease in Es activity followed, and has continued well into late June. We should note that E-skip very often does exhibit this kind of "lull"--some of the best seasons have featured it. The question that remains to be answered for many of us: can the rest of the season's sporadic-E DX possibly match what has already taken place? No matter how good the remainder of the summer proves to be, it may be hard to top what has already occurred.

**A "HOT" SUMMER FOR TROPO, TOO?**...Some enthusiasts think the 1990 season will be unusually good for tropospheric signal propagation modes. Traditional "symptoms" of this have already showed up: large amounts of moisture (much of it in the form of rain resulting in severe flooding in wide areas of the U.S. South and Midwest), followed by large stable high pressure system formations. Lately, temperatures in the West and parts of the Midwest have been well above normal. In all, what appears to be the "makings" of a good tropo season are present. Stay tuned!

**VUD CONTRIBUTORS PLEASE NOTE...**Please make sure your DX reports are sent to the column editors at the addresses listed on the first page of each of their columns. DO NOT send newspaper clippings about FM and TV station changes, or station logos, or photos, to PO Box 514. FCC FM, TELEVISION NEWS, LOGOS RUN, and PHOTO NEWS welcome your contributions directly. We've also learned that some mail to the main club business address NEVER reaches it, or is delayed as much as a few weeks due merely to incorrect zip code usage. The term "WTFDA Headquarters" was similarly confusing to the postal people--there is no such building. Use of the "HQ" term is archaic anyway, given the number of individuals involved in the production of the VUD, and the loose organizational structure of WTFDA.

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# Television news

BILL FAHBER, EDITOR  
336 ATLANTIC ST  
BRIDGETON NJ 08302-2525

## ABBREVIATIONS USED IN THIS COLUMN:

AATm	Height (meters) above average terrain
AG	Antenna height above ground
ASL	Antenna height above sea level
AZ	Azimuth (North=0°)
BT	Beam Tilt
CIR	Circular polarization
CP	Construction permit
CRTC	Canadian Radio-television and Telecommunications Commission
DA	Directional antenna
ELL	Elliptical polarization
ERP	Effective Radiated Power
FCC	Federal Communications Commission (USA)
HOR	measured along a horizontal plane
MAX	In the direction or elevation of maximum signal strength
MP	Construction permit modification
TL	Transmitter or tower location
+	carrier frequency offset 10 kHz above standard
-	carrier frequency offset 10 kHz below standard
Z	carrier frequency not offset

## APPLICATIONS FOR NEW TELEVISION STATIONS

ST	CH	ERP	AATm	CITY/APPLICANT
CA	52	3296	370	Sacramento; Ls Dov Educational Outreach Inc.
NE	54	5000	429	Omaha; Omaha Telecasters Inc. (amended; FCC judge proposed grant back in 1987.)
OR	36	43	211	Roseburg; MetroCom of Oregon Inc.
OR	36	13.6	222	Roseburg; KMTR Inc.
TX	10	316	447	Del Rio; Pena Communications Inc.
TX	10	316	352	Del Rio; Republic Broadcasting Co.

## CONSTRUCTION PERMITS GRANTED

ST	CH	ERP	AATm	CITY/APPLICANT
GA	58	756	89	Perry; Radio Perry Inc. (Review Board; reversing initial decision)
IN	58	5000	254	Salem; Kentuckiana Broadcasting
LA	62	5000	423	Hammond; Florida Parishes TV Ltd. (FCC decision)
MO	32	5000	322	Kansas City; T.V. 32 Inc. (init)
NJ	63	5000	343	Newton; Mountain Broadcasting (After five years of fighting!)

## APPLICATIONS DISMISSED

GA	Perry; ch. 58; Perry Television Inc. (Review Board)
IN	Salem; ch. 58; Greater Louisville Television Inc.
LA	Hammond; ch. 62; Pontchartrain Broadcasting Company Inc. (FCC decision)
LA	New Orleans; ch. 20; Cajun Broadcasting Co.; Tracy Lewis
MO	Kansas City; ch. 32; Kansas City Television Ltd.; Mid-Continent Communications Inc. (both dismissed as not qualified); Channel 32 Broad-

casting Co.; Holt Ltd. Partnership; Kansas City Skywave (denied in initial decision).  
NV Las Vegas; ch. 15; Media Profiles Inc.

## CONSTRUCTION PERMITS CANCELLED

ST	CH	CALLS	CITY
AL	61	WMAI	Mobile
FL	51	WJOE	Marianna
GA	52	WOCT	Albany
IN	58	---	Salem (Greater Louisville TV Inc.)
KY	62	WLKT	Lexington (at its request; on air from 10/15/88 to 7/7/89)
ME	62	WJRP	Presque Isle
MT	17	KRBT	Missoula
NY	56	WSKP	Syracuse
TX	15	KSUZ-TV	Abilene
WA	34	KRSK	Spokane

## APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

ST	CH	ERP	AATm	CALLS	CITY
FL	59	4966	289	WJEB-TV	Jacksonville
FL	62	4650	167	WBSV-TV	Venice (amended)
IN	68	1000	120	WBUU	Indianapolis
LA	44	2286	426	WPFT	Baton Rouge
MS	40	5000	192	WBUV	Holly Springs (amended)
PR	36	1480	329	WDML	Bayamon
TN	58	5000	381	WNAB	Nashville

## CONSTRUCTION PERMIT MODIFICATIONS GRANTED

ST	CH	ERP	AATm	CALLS	CITY
CA	29	4608	321	KCHT	Sacramento
CA	33	60.3	440	KADE	San Luis Obispo
FL	9	316	150	WKEB	Islamorada
OR	28	391	276	KZJD	Eugene
TN	58	5000	381	WNAB	Nashville
UT	16	3890	703	KZAR-TV	Provo

## APPLICATIONS TO CHANGE EXISTING FACILITIES

ST	CH	ERP	AATm	CALLS	CITY
CO	12	316	376	KBDI-TV	Broomfield (cp)
CO	6	100	37	KRMA-TV	Denver (mp; amended)
FL	18	60	267	WRES	Cocoa (cp; amended)
ID	12	316	346	KUIQ-TV	Moscow (cp)
KY	18	5000	507	WLEX-TV	Lexington (cp)
LA	27	2570	303	MLPB-TV	Baton Rouge (cp)
MD	47	3390	304	WMDT	Salisbury (cp)
OR	2	85	671	KOTI	Klamath Falls (cp)
PR	13	140	881	MPRV-TV	Fajardo (cp)
SD	8	263	265	KZSD-TV	Martin (cp)
TN	16	4680	329	WMTU	Jackson (cp)
VA	15	1820	625	WBRA-TV	Roanoke (cp)
WA	31	70.5	370	KTNW	Richland (cp)

## CHANGES GRANTED STATIONS ON THE AIR

AZ	Nogales; KNSB-TV, ch. 11; granted license to cover CP for changes; ERP raised from 150 kw to 316 kw max; antenna raised 23 meters to 507m AAT/57m AG/1846m ASL; same TL; the transmitter is located between Tucson and Nogales, with directional lobes toward both cities, covering them well within its grade A contour.
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CA Huntington Beach; KOCF-TV, ch. 50; granted CP to raise ERP from 2750 kw max/290 kw hor to 5010 kw max; reduce antenna height 7 meters to 330m AAT/70m AG/462m ASL; DA BT; same TL. That new ERP should make for much improvement.

CA Riverside; KSLD, ch. 82; granted CP (must have been granted a license; I had original CP as still current) to raise ERP from 2366 kw max to 3720 kw max; 723m AAT/51m AG/1685m ASL (4 meters higher AG); Same TL; DA BT.

CA Stockton; KFTL, ch. 84; granted CP to raise ERP from 1610 kw max to 1950 kw max; same TL; one ref. has 874m AAT instead of present 909m AAT, but there is supposedly no change in antenna height; BT.

CA Visalia; KMPH, ch. 26; granted MP to raise ERP from 2950 kw max/363 kw hor to 3214 kw max; 784m AAT/130m AG/2541m ASL (736m higher ASL); TL Big Baldy Ridge, Sequoia National Forest; coordinates 36°40'02"/118°52'42" (Az. 355°, or slightly west of due north, 26.33 miles from present TL); DA BT. It is my guess that the DA lobes point toward Visalia and Fresno; Bakerefield will be farther away from the transmitter and probably out of range.

FL Fort Lauderdale; WSCV, ch. 51; granted license to cover CP for changes; ERP raised from 1167 kw max/355 kw hor to 5000 kw max; antenna height reduced 54 meters to 262m AAT/260m AG/262m ASL; TL 390 NW 210th Street, Miami; coordinates 25°57'59"/80°12'33" (Az. 229°, or SW, 2.85 miles from former TL). This should expand their coverage area somewhat, but I don't think DX will be that much of an improvement.

FL Panama City; WMBB, ch. 13; granted CP to reduce antenna height 10 meters to 437m AAT/436m AG/462m ASL; TL 1.5 km ENW of intersection of Scotts Ferry Road and McGill Road, 4.9 km ESW of Youngstown, Bay County; coordinates 30°21'09"/85°23'26" (Az. 284°, or slightly south of due west, 11 miles from present TL; same ERP (316 kw max).

KY Louisville; WDRB-TV, ch. 41; granted license to cover CP for changes; ERP raised from 1150 kw max/303 kw hor to 5000 kw max; 391m AAT/296m AG/589m ASL (reduced 9 meters); same TL. Anybody see any improvement?

LA Baton Rouge; WLPB-TV, ch. 27; granted CP to raise ERP from 1170 kw max to 2570 kw max; antenna to be raised 11 meters to 303m AAT/304m AG/310m ASL; same TL; DA BT. Looks like an improvement for golf coast troops.

MD Baltimore; WBFF, ch. 45; granted license to cover MP for changes; ERP reduced from 3925 kw max to 1292 kw max; antenna raised 104 meters to 377m AAT/384m AG/472m ASL; TL 0.4 km NNW of the intersection of Hooper Avenue and 41st Street, Baltimore; coordinates 39°20'10"/76°38'59" (Az. 59°, 6.56 miles from former TL); BT CIR.

MD Salisbury; WMDT, ch. 47; granted CP to raise ERP from 3390 kw max; reduce antenna height 8 meters to 304m AAT/305m AG/312m ASL; same TL. Nobody'll ever know the difference, except maybe a few low-flying geese.

MN St. Paul; KTCI-TV, ch. 17; granted CP to raise ERP from 141 kw to 333 kw max; 396m AAT/

400m AG/674m ASL (4 meters higher); same TL; DA BT. Don't let the ERP increase fool you; it's still pretty weak.

MO Kansas City; KNBC-TV, ch. 9; granted license to cover CP for changes; antenna raised 19 meters to 356m AAT/331m AG/612m ASL; same TL and ERP (316 kw).

NJ Paterson; WXTV, ch. 41; granted CP to change ERP from 3240 kw max/2140 kw hor to 2340 kw max (is that an increase or reduction?); TL to be changed from World Trade Center 1 to Empire State Building, 350 Fifth Avenue; 421m AAT/422m AG/438m ASL (93 meters lower); coordinates 40°44'54"/73°59'10" (Az. 21°, or NNE, 3.1 miles, from present TL); DA BT. That reduction in height will probably make it harder to DX.

NY Binghamton; WICZ-TV, ch. 40; granted license to cover CP for changes; ERP reduced from 565 kw max/501 kw hor to 468.3 kw max; same TL and height.

OR La Grande; KTVR, ch. 13; granted license to cover CP for changes; see 12/89 VUD.

PA Reading; WIVE, ch. 51; granted CP to raise ERP from 1445 kw max/1090 kw hor to 5000 kw max; 384m AAT/198m AG/534m ASL (153m higher ASL); TL 16 km east of Reading, Berks County; coordinates 40°20'47"/75°42'03" (Az. 93°, or slightly south of due east, 10.47 miles from its present TL). Too bad all this increased coverage area and DX potential is going to be wasted on home shopping.

PR Fajardo; WMTJ, ch. 40; granted CP to raise ERP from 96.38 kw to 388 kw max; 845m AAT/46m AG/1051m ASL (that's 4 meters higher ASL, but 16 meters lower AG; wonder how they do that); same TL. Should be no problem picking them up from New England after they build this.

PR Fajardo; WPRV-TV, ch. 13; granted CP to change ERP from 170 kw max/6.77 kw hor to 140.2 kw max; same TL and height.

PR Mayaguez; WIPM-TV, ch. 3; granted CP to raise ERP from 72.4 kw max to 81.3 kw max; reduce antenna height 18 meters to 691m AAT/98m AG/998m ASL; BT; same TL.

SC Charleston; WTAJ-TV, ch. 24; granted CP to raise antenna 42 meters to 542m AAT/539m AG/544m ASL; TL 6.4 km northeast of Ten Mile, on Sewee Road, Isle of Palms; coordinates 32°56'24"/79°41'45" (Az. 48°, or NE, 1.2 miles from present TL); DA BT; ERP remains at 5000 kw max. No substantial change in coverage or DX.

SC Hardeeville; WTGS, ch. 28; granted license to raise ERP from 4920 kw max to 5000 kw max; raise antenna (contrary to the 7/88 VUD, which incorrectly reported a reduction in height of 713' AAT; that should have been in increase) 217m ASL; TL 4 km NNW of the intersection of I-95 and SC 204, south of Bloomingdale, Georgia; coordinates 32°02'48"/81°20'27" (Az. 230°, or SW, 30.63 miles from former TL. Don't expect any better coastal DX, but viewers SW of the station should be receiving a clearer signal.

UT Ogden; KOGG-TV, ch. 30; granted CP to reduce ERP from 5000 kw max to 1537 kw max; raise antenna to 1190m AAT/68m AG/2774m ASL (1258 meters higher ASL); TL on Farnsworth

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Peak Antenna Farm, east of Salt Lake City; coordinates 40°39'25"/112°12'07" (Az. 177°, or slightly east of due south, 41.29 miles from present TL); DA BT. The increased antenna height will probably balance the reduced power, amounting to about the same coverage area.

WA Seattle; KTZZ-TV, ch. 22; granted CP to raise antenna 91 meters to 366m AAT/277m AG/402m ASL; same TL; same ERP (5000 kw max).

WY Rock Springs; KGWR-TV, ch. 13; granted MP to raise ERP drastically from 6.03 kw to 209 kw max; antenna to be 30m ASL lower, to 495m AAT/45m AG/2650m ASL; TL Quaking Asp Mountain Communications Site; coordinates: 41°26'21"/109°06'42" (Az. 162°, or SSE, 11.51 miles from present TL. All we need now are a few more DXers in that area.

### CALL LETTER APPLICATION: EXISTING STATION

ST CH CALLS CITY/APPLICANT  
HA 46 WPHX Norwell; WHRC

### CALL LETTER GRANTS: NEW STATIONS

ST CH CALLS CITY/APPLICANT  
AL 60 WRKJ Dothan; Marcum Broadcasting Corp.  
CO 50 KDCD Denver; Lomas de Oro Bcy. Corp.  
MI 19 WJMY Marquette; WUAA  
NM 3 KOAV Gallup; KOAT Television Inc.  
OK 45 KTDA Lawton; Barton M. Ratliff  
OR 28 KEPB Eugene; KZJQ  
PR 60 WNEI Bayamon; Hector Negroni Cartagena  
PR 34 WRUA Fajardo; Damaris DeJesus  
SC 63 WQHB Sumter; C. Fred McLaughlin  
TX 51 KNWS-TV Katy; KQBA

### CALL LETTER GRANTS: EXISTING STATIONS

ST CH CALLS CITY/APPLICANT  
CA 18 KPPT Fresno; KMTF  
NA 7 WHDH-TV Boston; WNEV-TV  
MS 29 WMPN-TV Jackson; WRAA-TV  
NV 4 KRNK Reno; KCRL  
OK 4 KFOP-TV Oklahoma City; KTVY  
VA 8 WRIC-TV Petersburg; WKEH-TV  
OR 24 KNMT Portland; KTDZ-TV

### NEW STATIONS ON THE AIR

CA Watsonville; KCAH, ch. #25; went on the air 11/17/1989; 52.8 kw max ERP; 670m AAT/38m AG/968m ASL; TL Fremont Peak, Gabriel Range; 14.5 km northeast of Salinas (same tower as KSMN-TV, ch. 67; 17 meters higher than KSMN-TV); coordinates 36°45'23"/121°30'05"; educational station; address: Community TV Network, 3683 Martin Luther King Jr. Blvd, Oakland CA 94681.

GA Brunswick; WBSG-TV, ch. 21; went on the air 4/22/1990; 2884 kw max ERP; 311m AAT/302m AG/323m ASL; TL 5.5 km east of US Rte 301 at Buffalo Creek Crossing, near Nahant; coordinates 31°08'22"/81°56'15"; independent station; address: WBSG-TV Ltd., 7321 Georgia HWY 303, Brunswick GA 31520.

PA Philadelphia; WYBE, ch. #35; went on the air on or before 5/12/1990; 323.6 kw max ERP

(according to original CP; later modifications did not indicate change in ERP, despite changes in TL and height); 284m AAT/280m AG/949m ASL; TL east of Domino Lane, Philadelphia (in the Roxborough section, northwestern part of the city, where all Philadelphia television stations, WHYY-TV, and most FM stations are located; WYBE is on the same tower as WTXF-TV, but 82 meters lower); coordinates 40°02'26"/75°14'20"; DA HOR; independent educational station, presently operating 7 p.m. to 10 p.m.; current address not yet available.

UT Cedar City; KCCZ, ch. 4z, went on the air 4/25/1990; 37.6 kw max ERP; 836m AAT/99m AG/3143m ASL; TL KREC(FM) transmitter site on Three Knolls, 15 km south (Az. 180° True), from Cedar City; coordinates 37°32'32"/113°04'05"; independent station; address: Liberty Broadcasting Company, 1305 N Airport Rd, Cedar City UT 84720.

VA Ashland; WZXX, ch. 65; went on the air 3/9/1990; 924 kw max ERP; 262m AAT/265m AG/295m ASL; TL Route 652, 1 mile from the intersection with Route 615; coordinates 37°44'32"/77°15'19"; independent station; address: Christian Broadcasting Inc., Box 797, Glen Allen VA 23060.

### CHANGES IN THE TABLE OF CHANNEL ASSIGNMENTS

CA Chico: add #46z; delete #30-  
CA Paradise: add 30(- or 2); delete 46z  
FL Clermont: add 18z; delete 68z  
FL Cocoa: add #68z; delete #18-  
ID Sun Valley: add 5-  
NY Arcata: add 62- (site restriction 9.5 miles east to avoid short-spacing to CP for ch. 48 in Corning, NY, and vacant ch. 55 in Niagara Falls, Ont.)

NY Springville: add 67+ (site restriction 5.5 miles south to avoid short-spacing to ch. 60 in St. Catherine's, Ont., and the newly assigned ch. 62 in Arcata, NY.)

OR Coos Bay: add 41z (applicant proposes TL site 13 miles south of Coos Bay, which is more than 175 miles from Portland, hence not subject to the current FCC freeze on applications within 175 miles of major cities.)

OR Medford: delete ch. 27z; add ch. 26z

### FORUM

Let me begin with my apologies for not getting my column in last month. I just didn't have the time to complete it; there were too many other priorities. But I did get a good head start on this month's.

Further observations need to be made concerning John Zeis' comments on W148G in Newark-Brookside DE (See 5/90 column). At that time I also observed W148G with independent programming instead of repeating W6CB-49 Red Lion PA. But shortly thereafter it went back to carrying the same programming. W6CB is the flagship station of Keystone Inspirational Network, and I have no idea how extensive this network is, whether it is on cable, satellite, or other religious broadcasting stations. W148G does, however, use its own identification at

periods designated by Keytone for local identification, and its vertical blanking interval (VBI) is blank, whereas the VBI on WGBS contains various test signals. One more peculiarity about W14B6: even when I am receiving a fairly good picture, the sound is still poor. Only when the signal comes in snow-free is the sound noise-free.

Also, on the startup of WYBE, ch. 35 in Philadelphia PA: I first saw it on the air on 6/12. My set had been off for a few days before that, so I don't know how long it had been on. Programming really stinks, and it broadcasts for only four hours each evening. I haven't seen anything in the newspapers about it yet, and I wonder how many people know it even exists.

Let's begin our geographical tour in New England, with **JOHN BOLDOUC** (Londonderry NH), who sent in this article from the 5/27 *New Hampshire Sunday News* about WNEH, ch. 31, Hartford VT: "Local news and programming will continue on WNEH, Channel 31, if and when the [FCC] approves the sale of the White River Junction, Vt., NBC station to Texas-based Heritage Media Corp., which owns WPTZ, an NBC-TV affiliate in the Burlington, Vt. - Plattsburgh, N.Y., market." "Channel 31 would rebroadcast WPTZ's signal for at least 95 percent of its broadcast day. ...Channel 31 would be allowed to originate no more than eight hours of local programming each week as a satellite."

Up to now this column has been dependent on reference material dating back to the middle of 1981, and a worn out 1980 *Television Factbook*, which contained information as of October, 1979. So this gap between 10/79 and 7/81 used to often plague me with missing information. I haven't had that problem too much lately, but occasionally I would find the need to search in vain for a permit or application that occurred during that time.

But no more, thanks to **TOM BRYANT** (Nashville TN), who offered leftover 1988 *Factbooks* at only \$50 for each two-volume set. Tom writes, "For the information of those who took advantage of the TV Factbook offer, they were all shipped from Nashville via U.S. Postal Service on May 22. Hopefully everyone has received their shipment by now (however the Canadian and West German orders might take quite a while).

"WKRN-TV (2) is now on 24 hrs., 5 days...off Sat. and Sun. approx. 1:30-8:30 AM. They'll be hard to ID as they're carrying CNN Headline News intact with no local inserts and supering ID (very small, lower right corner) only at the top of the hour. WTVF (ch. 5, Nashville -wbf) is also 24 hrs. 5 days, but usually leaves its carrier on Fri. and Sat. after program signoff. There is no audio, but a b/w slide with very large (centered) lettering: WTVF (next line) - Nashville." (Why a television station would show a slide of a bottle of root beer all night is beyond me. Is b/w paying for this? -wbf) "WSHV (ch. 4 -wbf) never shuts down and runs HSN 7 nites, but there are a lot of local cur-ins, promos and ID's. Hope that info is useful for late nite skip addicts." (and maybe for a few late night impulsive shoppers. -wbf)

(Speaking of impulse shopping, did you know

that there's a car out on the market named Impulse. I wonder what kind of person would buy one of them. You don't suppose... Nah! Besides, my physics textbook defines impulse as a transfer of momentum resulting from a collision of two objects.)

**JOHN COMBS** (Jacksonville FL) writes, "Member Christopher Dunne (Pembroke Pines) reports that WFTV-13 Key West has been on the air for quite some time, and still on during his recent trip to Sugarloaf Key. The info I have shows WFTV's xmr location as '1 mile N. of U.S. 1 of west side of Cudjoe Key.' Cudjoe Key is the site of TV Marti's balloon - also utilizing channel 13. Could this be why TV Marti tests have only been carried out in the wee hours of the morning - presumably when WFTV is off? Surely the VOA was aware of the existing ch. 13 xmr - do they not intend to broadcast TV Marti during daylight hours at all? Very strange..."

You see! Nobody believed me! Years ago I tried to warn everybody that educational stations were really fronts for covert CIA operations. But did anybody believe me? No!! That's why newspapers don't carry their program listings. They're top secret! When are people going to wake up and realize that many of the PBS personalities are just puppets? Well, just go ahead and keep sending them your Contra-butions. Jim Henson tried to warn us, and you see what they did to him. Word is out that they're also operating a commercial TV station in Champaign, Illinois.

John also sent in this article from the 4/3 *Miami Herald*: "A man claiming there is a bomb in his brain - surgically implanted by the CIA in 1965 - walked into the MTVJ building Monday, hoping someone would listen to him." (Too much competition for WPBT-2, I suspect. -wbf)

From the 3/20 *Palm Beach Post*: "The man who launched Jim and Tammy Faye Bakker's TV careers has taken control of Channel 21 in Fort Pierce, ending plans to turn that dormant station into a satellite of Miami's public broadcasting station. The emergence of Paul Crouch, the founder of the Trinity Broadcasting Network, is the latest wrinkle in Palm Beach Atlantic College President Claude Rhea's forays into the rough-and-tumble world of not-for-profit TV.

"Rhea got interest-free loans from his West Palm Beach college to start a company that bought six unused educational TV station licenses across the state. Last year, Rhea's group - Palmetto Broadcasters for Associated Communities - announced that Channel 21 in Fort Pierce would be the first of those stations on the air. It was pitched as a PBS affiliate with lots of local programming and a start date of Jan. 7.

"Rhea's announcement caught the operator of South Florida's two public television stations by surprise. WPBT-Channel 2 in Miami and WXEL-Channel 42 in Boynton Beach didn't welcome the prospect of competition. Because of the saturation of cable television in the Treasure Coast, the two public broadcasting stations to the south were already reaching about 80 percent of the homes there."

"Crouch and Rhea hooked up in December, when Rhea's cash-strapped television venture sold one of its six stations to one of Crouch's television companies. Palmetto sold its Jacksonville license to Community Educational Television, a Crouch company. (ch. 59 op (WUEB) -jc) As part of that deal, Rhea's company borrowed money from Crouch.

"Crouch's television empire is one of the biggest in the country. His Trinity Broadcasting Network and its

subsidiaries own more than 100 television stations across the country and beam their programming to dozens of others.... WHFT-Channel 45 in Miami is part of that empire. It started in 1973 when Paul and Jan Crouch teamed up with Jim and Tammy Faye Bakker to start a 24-hour Christian programming station in Southern California. The Bakkers left to form their PTL Network, which skyrocketed before falling spectacularly amid a scandal of sex and financial plundering."

"In documents filed with the [FCC] the Crouch station in Jacksonville promised it would air vocational and college courses over the air, offer programming to serve 'Jacksonville's burgeoning banking and insurance industries' and be a community resource in the war on drugs. But so far, it's being used as a home-shopping network by another broadcaster. The FCC has yet to approve a transfer of Channel 21's license from Palmetto to Crouch's company."

Meanwhile Palmetto's television ventures are continuing. This month, an ad appeared in a local newspaper for its next project, a Boca Raton station geared to senior citizens." (ch. 63 op (WPPB) -jc) I figured it would be a channel somewhere up in the sixties. -wbf)

Now from **JEFF KRUSZKA** (Harahan LA), this article from the 5/2 *Times-Picayune*: "A third low-power TV station has signed on in New Orleans: Video Jukebox, a broadcast pay-per-view service on channel 10 that allows viewers to order music videos by dialing 976 numbers that correspond with song titles. Unlike cable pay-per-view events, which are seen only in the home that orders it, Video Jukebox selections are broadcast to the entire market. If no video is being shown, viewers see a directory of song titles and the 976 numbers that activate them on the local 'video jukebox' computer. They air in the order they are phoned; if 15 people in a row order 'I Wanna Be Rich,' then 'I Wanna Be Rich' is played 15 times in a row.

"The cost is an outrageous \$2.50 per video, which is charged on the next month's phone bill. Miami-based Video Jukebox Network, Inc., gets most of that, with the phone company receiving 'as much as 35 percent' of the charges in some markets, according to company spokesman John Robson. Robson says the five-year-old company is in 95 cities, with two-thirds on cable systems and the rest on low-power frequencies (K10MG in New Orleans)."

"Low-power stations, such as Channel America (on channel 61) and Trinity Broadcasting (channel 59), have much weaker signals than full-power stations and do not send a clear picture to all parts of the city and the outlying areas."

**ROBERT GRANT** (Allenton MI) writes, "I have an answer for a question you raised in the 4/90 VUD and some local LPTV news. Radio Havana Cuba reports that TV Marti is broadcasting on ch 13. Quote: 'TV Marti operates on (NTSC) standard VHF TV channel 13, 210-216 MHz, this is clearly in violation of [ITU regulations]...' (which state that broadcasting above 41 MHz be domestic). RHC also reports that TV Marti is on only in the pre-sunrise morning hours, and is being jammed by Cuba. My guess is that UHF tuners are probably virtually non-existent in Cuba, since there are no UHF stations, though a man on RHC said he personally watches WBBH-20. At any rate, it does not surprise me that USA chose a VHF channel to broadcast TV Marti, since international broadcasters always avoid clear frequencies, preferring frequencies where viewers/listeners not looking for their stations

are likely to inadvertently tune in on them. This explains Radio Marti being famous only for their broadcast on 1180 (AM) while their shortwave simulcast is little known to Americans (it BOOMS in here in MI) and is not jammed by Cuba. Cuba, too, beams Radio Taihino on the bands, and the 7100-7300 kHz band is one of the most important IBC bands only because ham operators are tuning into the band looking for a frequency not being trounced by broadcasters!

"WOSBN Detroit is on the air with either a sharp directional pattern or a meaningless city of license. The Video Jukebox LPTV has a watchable (but not snowfree and certainly not interference-free) signal at my in-law's house in Carleton, about 27 miles SW of Downtown Detroit...while at my parent's house (my old QTH) in Detroit, there is ABSOLUTELY NO TRACE of CCI from WOSBN at all (Nor any up here in Allenton, but that's no surprise at all). Do you know where WOSBN is? How much power?" (I have no idea. -wbf)

"A UNID LPTV was seen in Carleton on ch41, with CATV-style open video text. Too weak to ID, but beam heading suggests that it is in the Sandusky, OH area.

"To my knowledge, Value Vision International has no outlet in the Detroit area (contrary to page 5, 4/90 VUD).

"W26AB Detroit (Channel America) apparently has a northward beam. Weak at my parent's on the east side, strong in Warren, and always 'syncable' up here (abt 40 mi. NNE Detroit).

"I think the form LPTV has taken is a major mistake. A 1kw TPO UHF on a very high tower doesn't produce a sharp picture for a small area, it produces a snowy signal for miles, the signal flying over the heads of nearby residents. I would like to see 'class A UHF's' with 250Kw ERP at 100m AAT, about 100km co-channel spacing between themselves, and about 165km from a full service UHF. This would provide a much stronger signal in the LPTV's area, yet at a distance would probably cause less interference than some 1kwTP0/30Kw ERP/400m LPTV's."

**FRED MCCORMACK** (Fargo ND) writes, "Good guess on Dave Sinclair's KCY-TV being K53CY. K53CY Yakima is owned by KAYU TV Partners Ltd. and presumably carries KAYU-TV's programs as a translator.

"LPTV's reported with Fox include K25AS Eugene OR, K49AZ Twin Falls ID, and K46BZ Fort Smith AR."

**DAVE SINCLAIR** (Vancouver B.C., Canada) writes, "I found out that a Toronto based group is interested in starting a fourth English television service from Vancouver. This is all I know so far. The CRTC will probably call for competing applications for a hearing."

Dave sent an article from the 3/12 *Playback Strategy*, which reports on the growth of cable television over broadcast television. "Local cable will be the dominant force in the 1990s, the editor of a U.S. TV magazine says. Merrill Brown, editor-in-chief of the New York-based monthly *Channels*, told the [Canadian Advertising Research Foundation] conference (held in Toronto, 2/27. -wbf) that cable reaches 80% of U.S. homes and has become the 'dominant programming and distribution medium for the '90s.' 'No longer are the networks the only vehicle for television news, sports and entertainment,' says Brown. 'In 1976 [U.S. network] ABC, CBS and NBC routinely reached over 90% of the prime time [U.S.] viewing audience, a figure today dwindling below 50% in key time periods in markets with extensive cable television service."



# FM NEWS

## Skip Brings More Station News

Oodles of skip pouring in late May has or have contributed to lots of station news—revealing the likes of stereo on stations like KLAN 93.5 Glasgow MT. Even translators have skipped in. I heard three recently, one of which, you'll see below, is a mystery with the primary station (in UT) not knowing what it might be.

To dispose of the reports, an IL writer said "you have an excellent, concise book. Recently I DXed three stations from Texas and was able to identify them exactly. . . Could you make station layout similar to NYC for Chicago?" It was like that, a decade or so ago.

Mike Cherry sent a map showing his home and how it favors certain directions for DX, as well as other locations on Salt Spring Island BC on which he DXes. Some of them take a four-wheel-drive vehicle to get to, as high as 1000 meters. Mike writes: "Later this fall I shall renew my subscription to FMedia! at the new rate. How could I get through my month without it? Of course you and Carol deserve to make some profit from the venture!" Then he tells of a temporary FM station to be in Vancouver on 91.3 to cover the Molson/Indy Races Labour Day weekend, and Mike wonders if it'll interfere with the KPLU translator on 91.3, which normally covers Vancouver. "This will be the first time a temporary station has operated on FM in Vancouver."

Mike's letter is full of listings I don't know about, like BC Christina Lake \*88.5, relay of CBU AM, and Greenwood \*97.5, another CBU Vancouver relay, Halifax NS to Sun Radio, with frequency unknown, and Ottawa to Rawlinson Communications. Again, the frequency is unknown. Until more is published on those, I will keep them out of my listings.

Dave Sinclair has not heard anything about new CRTC decisions on FM applications for Vancouver. He sent an item about Portland OR FM stations building a massive concrete tower for KGON FM and five other stations atop Healy Heights. It will be the tallest structure between San Francisco and Seattle. The concrete is laid inside round steel tubes, three legs and designed to withstand winds and earthquakes.

Promoting or collecting promotional items in radio, like bumper stickers, is Mark Strickert's group, DECAL-coMANIA, getting together Aug. 17 to 19, 1990. I think this was in June's VUD, but here's a reminder you can get more info on the gathering by sending Mark an SASE at 3852 N. Oconto Ave., Chicago IL 60634.

Matt Sittel says WIFX 94.3 Jenkins KY claims to be 50000 watts now. Really, they're only 2800 h.v.; 455 m. And WJLS-FM 99.5 Beckley WV is really stereo now—finally!

Eric Fader sent info on Technics new CQ-ID90 FM receiver for cars which retails for \$799. It features ID Logic and has 4500 AM and 4900 FM stations in it in 5100 U.S. cities having 10,000 or more population. A lower price for ID Logic would give long distance drivers "and DXers" a leg up on the world, concludes the article. Eric added the "and DXers" part, and he wonders if I could make a deal with them for updates. I guess not, as the M Street Journal people are supplying the information to them. Items from the article Eric finds false are: "Most call letters or programming changes involve small radio stations. Technics' research

indicates only 3.4 percent of radio stations undergo a change in a given year." And Eric wonders what would happen to the radio's "logic" if Es is in?

Houston's Marty Blaise writes, "Your book is fascinating. I'm hoping to do some FM DXing soon and it should come in very handy. . . I enjoy the radio hobby very much."

Florida's Debra Lee Oliver sent a massive listing of nonIDs from her travels and DX listings. She also heard travel beacons on AM, 1170 St. Augustine FL and Valdosta GA 910. I hear that Valdosta has since left the air. "I am afraid I don't have one of your great FM directories (my copy is about 1978) so I recently bought a 1988 Broadcast Yearbook at a library book sale for \$5 and that is what I am using for now. . . Keep up the good work!"

Doug Allen says there's no Evergreen 96.5 yet, nor has KKFM vacated 96.5. "Not sure what Keith heard (VUD Nov. '89). The Springs stations advertise Winter Park, but not channel 2 which few can receive in the Springs." Doug kindly sent a list of translators that are most likely off the air and/or deleted, which is reported on in the columns which follow.

Fred Vobbe says rumor has it that 96.7 will be Leamington ON's frequency if the CRTC will allow CHYR to abandon AM for FM. "I believe that WXTS \*88.3 Toledo is 'Jazz Express'." He thinks their calls may be WXPX.

European FM Handbook 1990 should be available by now, showing 24,000 stations, up from 20,000 in 1989 and 14,000 in 1988. Price is 160 Finnmarks outside Europe from Timo Leponiemi, Box 7, SF-05901 Hyvinkää FINLAND. I hope the type is easier to read than last year's.

Thanks to Karl Zuk for mentioning the "FM Atlas" in May's "Monitoring Times," available for \$9.95 plus .90 shipping from DX Radio Supply, PO Box 360, Wagontown PA 19376. Karl's article, "FM DXing," is found on pp. 16-17 of the magazine. It even mentions translators and stations forming networks like PRM in Mississippi.

Mike Bugaj corrects on the calls of Rutland VT 97.1 being WZRT, strictly "Z-97." Bill Nollman, Mike reports, tried three 110-kHz selectivity filters from Murata Erie. "Seems that these have been out only since 1987. Bill says they are a bit better than the 150s. I listened to his Carver at his place and selectivity seemed good, but I had no way to compare with mine. Besides, he had to put his Probe 9 in the attic, and in order to do that he had to chop it in half. I wonder if the average DXer will be able to find these anywhere, especially since Murata Erie doesn't seem to want to cooperate."

Then Bill Nollman wrote, sending a list from Murata Erie of distributors, which seems very inaccurate, about three years old, and the latest that Murata seems to issue. Almost all the distributors, as well as the regional Murata center, were no more—at least in MN where I checked. "Good luck and see you in Virginia!" [Not sure I'm going—b.e.]

Filter sleuth Bill Nienajadly says "we've been doing a lot of detective work in search of more information on filters," and he sent specification information from Murata, courtesy of Tim McVey. Tim claims 130s are better than 110s because of lesser loss. He illustrated

## FCC—FM

that with a chart showing sometimes it is better to leave a wider filter in place. Confirming that is Bill's latest experiment—with the 55 kHz filters. "We put them in and had unbearable distortion! But it did seem even more selective! Contrary to what I've been told the 55 kHz are available under a new number. I can't honestly recommend the 55 kHz because of the horrible sound. But DXers might want one or two anyway for experimenting. . . I do recommend the 110s highly. I've found using the molex (IC socket) is excellent for experimenting at home. Don't put them (IC molex) in car radios or portables, because they might come loose. Home tuners OK. Tim also brought over his modified TX-7500 with 110s and 130s and it equals the MR-78 in selectivity! Yea, I'm impressed! I have three 110s and one 150 in the Sony now and one 110 and three 150s in the Pioneer SX-828. All in all, if someone could get rid of the distortion associated with the 55s, then we could really benefit. Too bad there isn't a 90-kHz filter!"

Almost every day brings mail from Bill N., and as the deadline for this column occurs, today's mail has an article from the NYC Daily News speculating that new music on AM might help the struggling medium. The latest convert in NYC is 1480 AM, going to Z-Rock.

Promoting the extreme rock sound is John Scher, who says: "Look what big FM stations are worth today—\$50, \$70 million. If they've been sold lately, they're carrying huge debt service. So they're not going to take chances. They're going to program for the known 25-40 audience. They won't play metal and blow off the older listeners. AOR plays less black music because they don't want to blow off the white middle class [but] there's still a lot of music people like that mainstream radio isn't playing." He points out non-jam stations that dare to be different: Z-Rock, CD-101, "DRE," RTN, FMU, college stations. "Even K-Rock, between 2 and 6 a.m., is a free-form, old-fashioned, 1969 radio station. You can piece together some hope." DXers might want to be aware of



PRO-ROCK: John Scher

## Christians Hate Skip

moves toward or away from format homogenization as an aid to IDing the stations received.

I received 20 Toko filters (180 kHz) from Digi-Key and have another 30 of the 160s on order from Hosfeldt Electronics. Both John Ebeling and I noticed some difficulty in tuning in the skip stations with the filters installed. Seems it takes more careful tuning to get the skippers to sound right.

It's always good to hear from Fred McCormack, and he sent bunches of news that I have not yet analyzed from the incredible DXing around Memorial Day. "These affect the FM Atlas, 12th edition; though they may well have been covered in FMedia! I always read FMedia!, but it is far too much information to commit to memory and also a lot of work to search through at a later date. I would love to be entering all of your information into a data base, but that is too major a project at present. If you didn't catch it, there was quite an opening on Sunday the 27th and running all night into May 28th. At 0535 on the 28th I made my first new logging in the five o'clock hour with [an Albuquerque station]. . ."

He heard one mystery, "Lubbock's all new oldies 104.7," which I think was KLSC Lamesa-Lubbock. "Keep up the good work." I was with that opening until past 3 a.m., DXing also on 89.9 after local WHSA in WI left the air; some of the DX was strong enough, however, to penetrate our strongest local stations—Idaho on 94.9, for example, through local KQDS-FM Duluth-Superior. Ordinary listeners must hate DX. Christian station KXEI 95.1 Havre MT accuses me of being their most distant listener, and says: "We were surprised to get your letter. Probably not as surprised as we would have been had we not received some strange reports in our listening area. On Memorial Day and the day following we began to get reports from the fringe area of our listening area. The calls came from every direction reporting our signal was being blanketed by other stations, stations as far away as Madison WI, Tucson and Flagstaff AZ. As you probably know FM doesn't skip like this very often and would hardly ever last for two days. I'm told this phenomenon is called 'sporadic E layer'. Those reporting were not happy, as all the stations causing the interference were secular stations."

Look near the end of the news columns for "See Also," called

from last month's VUD.

## New FM Station Grants

AZ Globe KRXS 97.3 3000 h.v.; 126 m  
CA Chowchilla 93.3 3000 h.v.; 100 m  
CA Fort City (Taft) 102.1 3000 h.v.; 9 m  
CA Fort Bragg 98.7 1700 h.v.; 128 m  
CA Indio 102.3 860 h.v.; 174 m, Ty Stevens  
FL Ponte Vedra Beach 106.5 3000 h.v.; 100 m  
IA Sioux Rapids 102.9 5000 h.v.; 150 m  
LA New Iberia 93.7 5000 h.v.; 150 m  
ME Middleboro 93.7 5000 h.v.; 150 m  
ME Thomaston 106.9 5000 h.v.; 150 m  
MI Buchanan 98.1 3000 h.v.; 100 m  
MN La Crescent \*80.1 100 h.v.; 283 m, MN Public Radio

MO Charleston KSDJ 106.1 3000 h.v.; 100 m  
NJ Wildwood Crest WDDX 93.1 3000 h.v.; 67 m  
NY Henderson (35 km N. Palski) 100.7 3000 h.v.; 100 m, Jefferson Corp.  
NY Housick Falls 97.5 1800 h.v.; 131 m  
NY Lake Luzerne 94.7 1400 h.v.; 146 m  
NY Palmyra 99.7 3000 h.v.; 100 m  
NY Webster (Rochester) 102.7 3000 h.v.; 100 m  
NC Blommore Forest (Ashville) 96.5 280 h.v.; 340 m, Orion Communications [Bscg Corp.]

OH Huron 96.1 3000 h.v.; 100 m, Finlanda  
OH Swanton (Toledo) 107.3 3000 h.v.; 100 m  
SC Conway 93.9 3000 h.v.; 100 m, C. Bscg. Co.  
TX Bay City 98.4 16000 h.v.; 150 m  
TX Littlefield 95.5 3000 h.v.; 100 m  
VT Midland 95.1 2500 h.v.; 38 m  
VT Derby Center 92.1 780 h.v.; 189 m  
VA Farmville 101.3 3000 h.v.; 100 m  
WI Lunenburg 106.7 1300 h.v.; 155 m, Value Radio

SC There are 11 previously unknown low power stations on 96.1 and 99.1 operated by Native Communications Society, with 20 hours of weekly programming supplied them by a new AM station in Terrace BC with 40 watts on 990 kHz. Mike Cherry/Dave Sinclair can you help?

HS Halifax 96.5 10000 h.v.; to be, b  
PQ La Pocatière CBBQ 105.1 7500 h.v. (but must reduce this power so as not to serve Rivière-du-Loup), to displace CHGS AM. "It would not be economically feasible to replace the outdated AM plant of CHGS, which has served the area for over 50 years."

SO San Luis Rio Colorado 88.5, i, mono, "Radio Sonora," assumed 3000 h.v.; 100 m, and listed as a Class A allocation; heard on I-8 at 52 km to Tama A2

## Call Letters Assigned

AL Bay Minette 106.5 WUIF  
AL Brantley 104.3 WDH  
AL Trinity 92.5 WUIC  
AK Fairbanks 95.9 KXLR (KINQ)  
AK Seward \*88.1 KUHA  
AK Soldotna 98.5 KUHK  
AZ Green Valley 97.1 KGMS  
AZ Phoenix \*89.5 K208WB /oldies, "Mix"  
101.5 KMXX (KAMJ)-FM, i, AC/  
AR Beebe 101.5 KPJK  
AR Dumas 107.1 KXFE (KDDA-FM)  
CA Davis 105.5 KLEQ (KYLD)  
CA Salinas 102.5 KODN-FM (KODN)  
CO Grand Junction 92.3 KJYE-FM (KJYE-FM; AM gets new calls), b, no c  
CO Sterling 105.5 KPMX (KMXX)  
CT Enfield 97.3 WPKX (WJAI), to 1100 h.v.; 161 m. "There has been a daylight for 10 years. Several people have been applying to run it."  
FL Miami 97.3 WFLC (WGTR), m, "Coast 97, all new Coast 97.3 FM." It has "no commercials, never caught an ID." "This came as a surprise to me; I thought 'GTR's ratings were respectable.'"

GA Warrington 93.7 WSA  
HI Kawaihae 108.8 KTOH  
ID Boise 92.3 KIZN (KIYS), k, "Kizzin" Country," add to RSCS at heard on I-8 at 76 m



# SOUTHERN FM DX

JULY 1990

Danny Buntin  
1312 N. Skyline  
Stillwater, OK 74075

DEADLINE: 10th

## SKIP SEASON KICKS OFF ON MEMORIAL DAY

The Es season started May 27th for many DXers, and from there it appeared a chain reaction started with openings forming at a daily rate. At least 8 days in a row of it for one DXer. Es also found its way up to TV 7 and 9 as well as NOAA weather radio. Openings tended to be long lived. Es sure doesn't get off to such a great start most years. However, since around June 4 it seems the Es has spent itself out for awhile and has grown largely silent. Trop wise it seems the rough weather over much of the country made things too unsettled for it with little being reported with the major exception being some good trop over 600 miles received up on the front range of the Rockies. The DXer from Pike's Peak Country has awarded his DXing prize and offers a chance to earn another one. Well, reports started coming in here at a trickle and soon turned into a flood, so on with the reporting.

Doug Allen, w2cra, P. O. Box 5646, Woodland Park, CO 80866

Equip.: Denon TU 800 & stacked Sterco Probe 9's at 25'

5/8 ms  
1328 KUNI 90.9 IA Cedar Falls, ID  
5/10 trs  
0720 KAML 96.9 WY Gillette, o/KCMI  
5/11 ms  
2105 WQEN 103.7 AL Gadsden, "q104"  
5/15 tr ducting & ms 630 mi.  
0450 KLMK 107.3 OK Poteau, many IDs, best tr  
0455 KKKK 97.1 OK Muskogee, promos,  
"call 687-FM-97"  
0458 KBUL 98.1 NV Carson City, ms off back  
of antenna  
0458 KKRxt 98.1 OK Lawton, "Rock 98",  
peaked in/out of noise  
0500 KATT 100.5 OK Oklahoma City, ID, 457  
"the Cat"  
0501 KMYZ 104.5 OK Pryor, much weaker  
than Poteau & OK City  
0505 KMLL 104.1 OK OK City, "Magic 104" 475  
0506 KRXO 107.7 OK OK City, local ads  
0520 KWGS 89.5 OK Tulsa, "It's 75 in Tulsa"  
0521 KMOD 97.5 OK Tulsa, very strong and in  
until 0830 525  
(At this point I tried to call Danny in  
Stillwater without success. (And at that  
point I was at work, sorry. Darn, I wish  
I was present then. Gee, I'm starved for  
some trop from the Rockies, direct from  
xmitters atop Cheyenne Mountain. ID)

0523 KTFX 103.3 OK Tulsa, k, to ABC news,  
not as strong as KMOD. (No wonder, KTFX's  
tower is about 20 mi farther away. ID)  
0530 KVLIT 106.1 OK Owasso, "good time oldie  
station, Cool 97"  
0549 WMBW 88.9 TN Chattanooga, ID, ms  
0558 KCLR 97.7 OK Edmond, in noise  
0600 KSPit 93.7 OK Stillwater, could not  
pull out of KILQ splatter. (Maybe you can  
after KSEFI moves to a new 1033' tower. ID)  
0606 K252AZ 98.3 KS Liberal, KANZ trans,  
Hard to rule out Lamar, Ashland and Elkhart  
but peaked right, and Liberal's 101.5 was  
strongest non-local on band. Ducting was  
moving northward at this time.  
0709 KOSU 91.7 OK Stillwater, ID, strong  
0725 KDCK 95.5 KS Dodge City, strongest  
ever heard!  
0730 KKKQ 97.3 KS Garden City, ads

5/15 tr  
0730 K257BH 99.3 KS Dodge City, weak & steady,  
best trans DX  
0735 KINF 91.9 KS Dodge City, local spots  
0800 KICL 99.3 KS Iola, ID & wx, weak o/u  
K257BH, best 3 kw DX  
0815 KANZ 91.1 KS Garden City, o/ KHEI, my  
strongest local  
0830 KMOD 97.5 OK still in, but weak. Wichita  
& Amarillo out of duct and very little en-  
hanced this morning.  
5/17 trs & ms  
0800 KGFRT90.9 ? NPR, peaks north, but not  
K215BE! help!  
0822 KHYI 94.9 TX Arlington, "Y-95", 10 sec.  
5/19 Es  
1847 WUFT 92.1 GA Eastman, local spots  
1853 WBYZ 94.5 GA Baxley, mx of Jesup, Boxley  
5/20 tr  
2029 KMLL 98.7 TX Amarillo, strongest 310  
Amarillo, almost local strength  
2030 KECID 89.9 TX Amarillo, not sure of call  
2125 KKRX 98.1 OK Lawton, "K-rocks", ID 470  
2150 KQLI 94.3 OK Lawton, ID, 3 kw 470  
2158 KKKZ 93.5 OK Altus, "Y104 FM"  
2210 KRGV 103.1 TX Amarillo, ID, 3 kw 310  
2230 KDCB 94.5 TX Gainesville, "the edge" 565  
2241 KVOqt 98.1 TX Lorenzo, "the Q" ?? Help?  
5/23 Es  
2200 KQKA 96.9 AB Peace River, ID  
2222 KCSB-3t 93.7 MAN The pas, FF  
5/26 tr  
0515 KKRX 98.1 OK Lawton, "K-rocks", ID 470  
0518 KRPT 103.7 OK Anadarko, ID, full Q 455  
0610 KDJW 94.1 TX Amarillo, strong 310  
other Amarillos weak  
0646 KXWT 104.7 TX Burkburnett, "New Y104" 475  
Wichita Falls ads, Wichita county wx alert  
5/27 Es  
1501 WRVL 88.3 VA Lynchburg, ID  
1503 WVXU 91.7 OH Cincinnati, ID  
1520 WWSW 94.5 PA Pittsburgh, "3WS", local ads  
1522 WQIO 93.7 OH Mt. Vernon, ID  
1523 WDFI 94.3 OH Marion, ID  
1532 WHBG 94.1 OH Canton, ID  
1536 WYNT 96.9 OH Sandusky, local ads

CONT...

## SOUTHERN FM DX

5/27 Es  
1538 WVEN 99.3 PA Franklin, "the new Mix  
99.3 FM", new calls?  
1541 WOSE 94.5 OH Port Clinton, ID  
1543 WZAK 93.1 OH Cleveland, ID  
2205 WNBV 93.5 MI Newbury, promos  
2210 ?? 93.7 + 98.1 // in FF  
2210 CBON7 94.9 ON Espanola, FF, //98.1  
2220 WOLF7 97.7 ?? ? "The Wolf 98 FM"  
2228 WJPD 92.3 MI Ishpeming, k  
2239 CBON18 88.1 ON Sault Ste. Marie, FF //  
2245 CBON 98.1 ON Sudbury, FF, ID  
2246 CBON23 96.9 ON Manitowadge, FF,  
88.1, 93.7, 88.1  
2250 CBON22 93.7 ON Geraldton, FF, //98.1,  
93.7, 88.1, 96.9  
2252 CBON25 97.1 ON Timmons, FF, //98.1, 93.7,  
88.1, 96.9, 93.7  
2254 CBON24 90.7 ON Kapusasing and/or  
Wawa CBON27  
2256 CBON26 90.3 ON Hearst, // above  
2300 CBLJ 88.3 ON Wawa, ID'd as "CBC for  
northern Ontario", //90.5, s/o NA 2314  
2301 CBON27 90.7 ON Wawa  
2304 CBGT 90.5 ON Fort Francis, "CBC for  
northern Ontario"  
2305 KQDS 94.9 MN Duluth, ID  
2305 CJSD 94.3 ON Thunder Bay, local spots,  
wx  
2310 KSTP 94.5 MN St. Paul, "KS-95", ID  
5/28 Es  
0007 WJJO 98.1 MN St. Cloud, wx  
0016 KMFP 96.9 MN Grand Rapids, ID, x-KNNS  
5/29 Es  
0840 WETK7 93.1 ?? sounded like WBTX, help!  
0850 WNTD 93.5 FL Port St. Joe, ID  
0852 WSM 95.5 TN Nashville, ID  
0855 WJST 94.5 FL Port St. Joe, ID  
0858 WEZI 94.3 TN Germantown, ID  
0908 WMSZ 94.1 FL Pensacola, ID  
0910 WGNB 98.1 FL Titusville, "98 Surf FM"  
0920 WDJR 96.9 FL Jacksonville, "classic  
rock WDJR"  
0921 WTTT 94.9 FL Tallahassee, ID  
1000 WLRH 89.3 AL Huntsville, ID, from car  
1024 WKYC 93.3 KY Paducah, ID, from car  
1025 UNID 94.5 "Clear country 94", HELP!  
1058 WRTS 106.5 IN Washington, ID  
1059 WERU 88.9 IN Richmond, ID  
1115 KDRM 99.3 WA Moses Lake, ID  
1120 KVTI 90.9 WA Tacoma, "I 91 FM"  
1124 KPO 102.1 WA Wenatchee, "Q102 FM"  
1131 KGSN 97.1 OR Portland, "Kissin FM"  
1132 KMOG 104.5 OR The Dalles, local ads  
1139 KFFM 105.3 WA Yakima, "K double FM"  
1141 KAAKxlator 107.9 WA ? "Car FM 95.3, 107.3"  
KQBE 103.1 WA Ellensburg, "FM 103 KQBE"  
1143 KCRS 105.3 WA Edmonds, ID  
1150 KUMA? 107.7 OR Pendleton, local ads,  
"YX 107" Or was this something else?  
1821 WMGX 93.1 NC Winston-Salem  
1836 WLVT 96.9 NC Charlotte "Thunder  
96.9" HELP!  
1840 WNGC 95.5 GA Athens, ID  
1842 WIKQ 94.9 TN Greenville, ID  
1843 WIEL 94.3 TN Springfield, ads  
1844 WIVK 107.7 TN Knoxville, "656-WIVK"  
1854 WZLI 106.1 GA Toccoa, "106 WZLI"  
1856 WMXC 104.7 NC Charlotte, "WMLX"  
1907 UNID 98.7 ?? Good time oldies Cool  
98.7" HELP!

Allen, cont.

5/29 Es  
1914 WCHX 101.5 GA Marietta, k, "KICKS 105 FM"  
1918 WXXX 106.9 AL Birmingham, "KIX 106"  
1920 WPCN 94.9 GA Atlanta, ID  
1922 WCRM 102.1 AL Decatur, ID  
1924 WQLT 105.3 AL Forsance, k, "75 in Shoals"  
1927 WNDM 101.3 SC Sumter, "the big FM"  
1931 WXXX 103.1 TN Jackson, "MIX 103 FM"  
1937 WBYU 102.1 TN Sevierville, "U102"  
1941 WQQG 101.3 NC Wilmington, k, "WQ 101.3"  
(long single hop!)  
1943 WFTV 104.5 FL "Atlantic Beach on Rock 105"  
1945 WMMZ 93.7 FL Ocala, "Z 93.7"  
1949 WBTI 95.9 AL Tuskegee, ID, soul-rap  
1952 WDJC 93.7 AL Birmingham, ID  
1010 WTBbt 97.7 FL Bonifay, "Gospel 97"  
2012 WDLT 98.3 AL Chickasaw, ID  
2018 WHER 103.7 MS Hattiesburg, "Eagle 103"  
2027 WQID 93.7 MS Biloxi, r, many dedications.  
2029 WMAH 90.3 MS Biloxi, c

5/30 Es  
1233 KATS 94.5 WA Yakima  
1238 CBUP 97.7 BC Vancouver, ff, from car  
1240 CKKS 96.9 BC Vancouver, "Kiss FM", car  
1243 KNOK 106.9 ID Lewiston, "K107", from car  
2039 KMTG 102.1 TX Houston, "Magic 102"  
5/31 Es  
0800 WYFK 89.5 GA Columbus, ID  
2026 WVEZ 106.9 KY Louisville, "Easy 107"  
2116 WCUC 90.9 OH Cincinnati, ID

Mike Cherry of BC won the prize (see April  
VUD) of a TV mast mounted preamp by calling me  
May 28th. There's a new prize for 700 mile  
plus tropo to Colorado Springs. Call me at  
719/687-3549.

What a month! Three good tropo openings  
into eastern Oklahoma and/or southern Oklahoma  
& TX with new tropo DX record of 630 miles,  
and almost non-stop Es the last few days of  
the month. The Es MUF hit 144+ mhz on several  
occasions. Some of the above Es stations were  
logged from my gift shop in Divide, about 4  
miles west of my home, using a Kenwood KR-5010  
receiver with 150 khz filters and crossed  
yags at 20'. A preview of my June report is  
a 750 mile tropo catch to Shreveport, LA on  
June 6th. 73.

## SOME ABBREVIATIONS USED IN SFW:

r-rock  
g-gospel  
m-middle of the road  
k-country and western  
nx-news  
wx-weather  
\$-stereo  
c-classical  
j-jazz  
ID-station identification  
FF-French  
SS-Spanish  
QSL-written station reception confirm.  
Es-E-skip propagation  
tr-tropospheric propagation  
ms-meteor scatter propagation



5/27 Es (from Belleview, FL, so. of Ocala)  
 1403 WSSQ 94.3 IL Sterling, ID 1033  
 1410 WBGL 91.7 IL Champaign, 888  
 "currently in Champaign..."  
 1432 KFKF 94.1 KS Kansas City, ID 1025  
 1442 WOV 94.1 NE Omaha, ID 1176  
 5/28 Es  
 1900 KTCU 88.7 TX Ft. Worth 969  
 "Music Mosaic on KTCU-FM"

5/29 Es  
 0949 KWEN 95.5 OK Tulsa, "65 the present  
 Tulsa temp. 89.5FM" 969  
 2034 WOLX 94.9 WI, ID 1115  
 2037 ?? "silver 97", "US 23" in ad--HELP!  
 2050 KJFY 92.5 IA Ankeny 1118  
 2053 KDOG 96.7 MN N. Mankato 1268  
 2103 CBSM? 89.5 ON S.S. Marie, "David 1250  
 Circus, CBC News"  
 2140 WKPR 91.7 WI Rhinelander, ID 1248  
 2140 ?? 96.7 Cubs station, help  
 5/30 Es 1360  
 1244 KDCK 95.5 KS Dodge City, KS Hit R.95  
 1230 KANZ 91.1 KS Garden City, Books, etc. GC  
 5/31 Es  
 1841 KUEZ 99.3 TX Lufkin, jingle ID 797  
 1854 KGBI 90.9 TX Dallas, KGBI Forecast  
 1857 KIXS 105.5 TX Harker Heights, ID 973

Also: on way up to B'view I heard Span. on 91.3, trivia contest w/classical mx background + ad for "Disco Laredo." Is this XHNC? If not, can anyone help? As you see, super E during my trip to see my folks. I thank the Lord for the Es and my dad for fixing my radio's on/off switch (Superadio). 73e.

Jeff Krusaka, 5855 Walnut Creek Rd. #A105, River Ridge, LA 70123

Equip.: JVC R-K200 Receiver, dipole antenna (hand held)

5/27 Es  
 1151 WKIH 96.5 WI Milwaukee, ID  
 1152 WRBT 94.9 ?? calls, not listed in  
 FM Atlas  
 1155 WNDU 92.9 IN S. Bend, U-93, MI ment.  
 1157 WKJF 92.9 MI Cadillac, Reed City  
 ment.  
 1205 WDOR 92.9 WI Sturgeon Bay, ID  
 1315 WVIC 94.9 MI E. Lansing  
 1543 WSCD 92.9 MN Duluth, c  
 1550 WKIH 96.5 WI Milwaukee  
 1551 WTBX 92.9 MN Hibbing, ID  
 1555 WTTZ 94.7 IL Chicago, Z-95

5/28 Es  
 1250 KSPZ 92.9 CO Colorado Springs, "Oldies  
 92.9", mentions of CO (Doug Allen, is this  
 them?)

5/29 Es  
 1841 WDOR 93.9 WI Sturgeon Bay  
 1853 WKIH 96.5 WI Milwaukee  
 1354 unID 92.7 London ment.--CJBX?  
 1905 WCMF 96.5 NY Rochester, ID in stereo  
 1908 WPAC 92.7 NY Ogdensburg, "PAC-93"  
 1915 unID 92.9 classical  
 1918 WBUF 92.9 NY Buffalo, r, "FM-93"  
 1946 KNCW 96.5 SD Sioux Falls, rel. peg.  
 1947 KIXX 96.1 SD Watertown, mentioned  
 Watertown  
 1955 KQAA 94.9 SD Aberdeen  
 2005 KQSD 91.9 SD Lowry, ID, wx  
 2010 WTBX 93.9 MN Hibbing  
 2019 KQDS 94.9 MN Duluth  
 2131 unID 96.1 MN Albert Lea, "5.-MN's  
 best music", "Power 96"

5/31 Es  
 1859 KSJT 107.5 TX San Angelo, clear ID 1138  
 1906 KKKK 99.1 TX Odessa, jingle like 1254  
 "FM 99K...sound of love"  
 1917 KBAT 93.3 TX Midland, "Rock 93 KBAT"  
 1935 CIMW 88.7 CN Windsor, ID 1165  
 1952 WCOM 97.1 WI Sparta 1128  
 2000 KHKE 89.5 IA Cedar Falls, ID 1128  
 2005 ?? 94.3 ?? Twins BB, ad for "Lake Henry"  
 2007 WYMG 100.5 IL Jacksonville, ID 897  
 2009 KWAY 99.3 IA Waverly, 99K-Way FM 1140  
 2014 KOKZ 105.7 IA Waterloo, ID 1121  
 2015 KCLD 104.7 MN St. Cloud 1354  
 2018 KFMW 107.9 IA Waterloo, "108 KFMW" 1121  
 2023 KKKK 95.7 MN Morris 1405  
 "Morris against Hancock" "KKOK"  
 2035 KMKX 94.9 ??? HELP!  
 2038 ?? 96.1 MN Albert Lea, 1222  
 "downtown Albert Lea"  
 2042 KSCS 96.3 TX Ft. Worth, ID 932  
 2051 KPAT 97.3 SD Sioux Falls 1328  
 2055 ?? 94.1 // Litchfield IL??,  
 "Litchfield Dragons"

5/25 tr  
 2120 WKXH 95.9 GA Alma, jingle ID  
 2211 KA2XXE 107.9 FL Columbia, "Disney Radio",  
 6/1 Es  
 1105 KDOR 88.5 IA Sioux Center, ID 1279

5/29 Es  
 2036 KMKX 94.9 MN Litchfield (assumed, new  
 calls) "the Mix after hours"  
 2050 unID 92.7 mentioned Riggs High School  
 5/31 Es  
 1956 WKIH 96.5 WI Milwaukee, again!!  
 1958 KIXX 93.7 MN Minneapolis  
 2000 unID 89.5 Canadian CBC net, wx in  
 centigrade, CBSM?  
 2000 WSCD 92.9 MN Duluth, ID  
 2002 KQDS 94.9 MN Duluth, "KQ"  
 2003 KMKX 94.9 MN Litchfield, "the Mix after  
 hours", mentions of mid-MN, St. Cloud  
 2011 WJMC 96.3 WI Rice Lake, k, ID  
 2017 WTBX 93.9 MN Hibbing  
 2023 WIAL 94.1 WI Eau Claire, I-94,  
 Menominee mentioned  
 2034 KJJK 96.5 MN "Fergus Falls-Battle Lake-  
 Pelican Rapids" ID  
 2040 KSNR 100.3 MN Thief River Falls, Crookston  
 ment. "the Valley's Heart of Gold-FM"  
 2044 KMKX 105.9 MN Wadena, etc. lots of loc.ref.  
 KIKV 100.7 MN Alexandria mentions of  
 Brandon  
 2049 WDAY 93.7 ND Fargo, rock, Y-94  
 2056 KKKL 92.9 ND Grand Forks, XL-93, ID  
 2057 KQHT 96.1 MN Crookston, "Magic 96"  
 2106 KDSU 91.9 ND Fargo, ND nx  
 2126 KQAA 94.9 SD Aberdeen ID, "Cool 95"  
 6/1 Es again  
 2150 KSPZ 92.9 CO Colorado Spgs. "Oldies 92.9"  
 It was as if an E-skip cloud positioned it-  
 self between me an MN-WI for the last week of  
 May! Had lots of fun DXing FM as TV channels  
 were "underwater".

Keith D. Pugh, 277 Martin St., New Hope, AL 35760

Equip.: McIntosh MR-78, Probe 9

5/14 Gw-tr  
 0100 WUMS 92.1 MS University, r, \$, U-92  
 5/14 tr  
 1753 WIKY 104.1 IN Evansville, b, ID 240  
 1902 WGBF 103.1 KY Henderson, rp, ID 230  
 1927 KTFC 103.3 IA Sioux City, g, ID  
 2047 WDJX 99.7 KY Louisville, ID 252  
 2121 WTHL 90.5 KY Somerset, g, ID 200  
 2326 WZDQ 102.3 TN Humboldt, ads, Q-102  
 2247 WBYR 98.9 OH Van Wert, ID 438  
 2346 WKDP 99.5 KY Corbin, KD-Country

5/17 Es/tr  
 0053 KKKO 92.5 MN Warroad, k, KQ-92  
 0055 WRRZ 97.7 KY Providence, ID  
 5/24 tr  
 2253 KTCS 99.9 AR Fort Smith, ID  
 2302 WONA 96.7 MS Winona, ID  
 2306 KZBB 97.9 OK Poteau, "All Hit B98"  
 2325 KQMJ 99.5 OK Henryetta, wx, ID  
 2328 KHOZ 102.9 AR Harrison, k, ID  
 2331 KAYI 106.9 OK Muskogee, r, K-106  
 2338 KWMU 90.7 MO St. Louis, ID  
 2347 WKBL 93.5 TN Covington, area wx  
 5/25 tr  
 0024 KKKK 92.5 OK OK City, wx, ID  
 0113 KRUS 97.3 MO Springfield, "US-97"  
 0114 KWTQ 98.7 MO Springfield, prev. Au  
 0119 Unid 105.3 // 92.1 WUMS Univ. MS

Es  
 1219 XHMT 98.5 YUC Merida  
 1221 XHGL 97.7 YUC "  
 2359 KUT 90.5 TX Austin  
 5/26 tr  
 0042 KBYQ 104.9 LA Tallulah, k, ID  
 0054 KLJO 104.1 LA Monroe, ads, "K-104"  
 0115 WLD 106.3 MS Lexington, ID  
 0130 KCBT 90.9 TX Dallas  
 0200 WBAD 94.3 MS Leland, s/off

Es  
 1433 XHGL 97.7 YUC Merida, ID  
 1447 XHVE 97.3 TA Villahermosa, ID  
 1458 XHOM 107.5 VE Coahuila, Coahuila  
 1459 XHPR 101.3 VE Veracruz  
 1512 XHPB 99.7 VE "Radio Fresca"  
 1513 XHRN 96.5 VE "R. Alares", \$  
 1515 XHPS 93.3 VE "lcl. ads  
 1527 XHXS 102.9 VE " "  
 1750 XEDF 104.1 DF Mexico City, "Jazz FM"  
 1757 XHRCA 91.3 DF " " , r  
 1801 XBO 92.9 DF " " , ID  
 1921 XHJTA 94.3 GT Irapuato, ID

5/27 Es  
 0953-1033 SS unids  
 1200 KQLI 94.3 OK Lawton, r, ID  
 1203 KLAQ 97.5 OK Durant  
 1210 KACV 89.9 TX Amarillo  
 1218 KQIZ 93.1 TX " "  
 1227 KIKT 93.5 TX Greenville, r  
 1338 All El Paso FMs  
 1341 XHUAR 106.7 CH Ciudad Juarez  
 1341 XHNZT 107.5 CH " "  
 1343 XHCU 105.9 CH " "  
 1443 KGAC 90.5 MN St. Peter  
 1447 KDOM 94.3 MN Windom, ads  
 1450 KXLP 93.1 MN New Ulm, ads, ID  
 1457 KJYY 92.5 IA Ankeny, ads  
 1502 KTSB 93.9 IA Sioux Center, ID  
 1504 KKRC 93.5 SD " " , r, ID

5/27 Es  
 1507 KPAT 97.3 SD Sioux Center  
 1516 KKRL 93.7 IA Carroll, r, ID  
 1521 KQHU 104.1 SD Yankton, r, "Q-104"  
 1527 KTFC 103.3 IA Sioux City, g, ID  
 1528 KPSS 97.1 SD Faith, ID  
 1530 KWRD 93.7 SD Winner  
 1533 KHAT 106.3 NE Lincoln, lcl, ad,  
 1538 KKLS 104.7 SD Sioux Falls, ID  
 1539 KBRF 103.3 MN Fergus Falls, promo  
 1541 KSDN 107.1 IA Denison, lcl, ads  
 1549 unid 95.9 "Power 96"  
 1550 unid 101.7 "Custom Radio"  
 1554 KYSM 103.5 MN Mankato, k, ID  
 1555 WJYY 106.7 MN Brainerd, ID  
 1559 KQOL 107.9 MN Anoka, ID  
 1603 WWJO 98.1 MN St. Cloud  
 1607 KZZY 103.5 ND Devils Lake  
 1609 KQDY 94.5 ND Bismarck, "KQ-95"  
 1611 KQAA 94.9 SD Aberdeen, c, "Cool 95"  
 1617 KMKX 94.9 MN Litchfield, ads, ID  
 1622 KQDJ 95.5 ND Jamestown, ad  
 1626 KROK 95.7 MN Morris  
 2108 WFXR 93.5 MA Harwich, "93-5 The fox"  
 2110 WMGX 91.7 ME Portland  
 2136 WHGC 94.3 VT Bennington, ID  
 2146 WTBX 93.9 MN Hibbing  
 2200 CBV 95.3 PQ Quebec, "Radio Canada"  
 2204 CIGL 97.1 ON Belleville, b, ID  
 2208 CEM 93.5 PQ Montreal, lcl, ref, "CBC\$  
 2208 unid 90.9 wx, "Canton" \$  
 2211 CFMO 93.9 ON Ottawa, ID  
 2216 CKCU 93.1 ON " "  
 2240 CKDS 95.3 ON Hamilton, ID  
 2247 KEYA 88.5 ND Bismarck, ID  
 2323 WJAZ 96.7 CT Stamford, wx, ID  
 2355 WLNQ 92.1 NY Sag Harbor

5/28 Es  
 0110 KQWB 98.7 MN Moorhead, Q-98  
 0113 KVOX 99.9 MN " " , K100  
 0121 KTMV 101.9 ?? wx/Huron SD, k  
 0128 KDVL 102.5 ND Devils Lake, s-off (!)  
 1237 All El Paso FMs  
 1244 KRWC 90.7 NM Las Cruces  
 1010 JBC 97.3 Jamaica  
 1312 RJR 104.5 " " , \$  
 1318 WAIL 99.5 FL Key West, ad  
 1323 WQEZ 99.3 FL Fort Myers, ID  
 1326 WSGL 103.1 FL Naples, lcl, ads  
 1327 ??? 102.9 Jamaica, Montego Bay ad  
 1328 WAVV 101.1 FL Marco, "Wave 101"  
 1330 FAME-FM95.7 Jamaica  
 1336 WAKV 106.3 FL Marathon, "Wave 106.3"  
 1341 WUUM 94.3 FL " " , b  
 1343 UNID 88.8 mono, SS, where?  
 1401 JBC 92.1 Jamaica  
 1448 JBC 96.3 " " , \$, // 98.7  
 1456 JBC 97.1 " " , \$  
 1956 KDEM 94.3 NM Deming, ID  
 2001 KTEP 88.5 TX El Paso  
 2200 KUNC 91.5 CO Greeley  
 2001 KUWR 91.9 WY Laramie  
 5/29 Es  
 0930 KSJF 90.9 NM Farmington, low mod.  
 0946 KZRR 94.1 NM Albuquerque, 94 Rock  
 0958 KKSS 97.3 NM Santa Fe, "Kiss FM"  
 1000 KANW 89.1 NM Albq., ID  
 1036 UNID 91.9 ment. Las Alamos

cont....

## SOUTHERN FM DX

Pugh, cont.

JULY 1990

5/29 Es  
 1109 KYGO 98.5 CO Denver  
 1122 KTAK 93.9 WY Riverton, ID  
 1126 KRAI 93.7 CO Craig, ID  
 1131 KSIIT 104.5 WY Rock Sp., r, ID  
 F/out 1139  
 1757 WCLZ 98.9 ME Brunswick  
 1800 WPOR 101.9 ME Portland, ads  
 1863 CFQM 103.9 NE Moncton, k, ID  
 1805 WYOU 97.1 ME Bangor  
 1808 UNID 107.5 r, "Thunder 107"  
 1810 WTLV 98.5 ME Waterville, r  
 1833 KQRS 92.5 MN Golden Valley, rp  
 1835 KOUR 95.3 IA Independence, r  
 1839 WTMS 96.1 ME Presque Isle, ID  
 1843 WSCG 93.5 NY Corinth, Country 93  
 1846 WJJR 98.1 VT Rutland, ID  
 1849 W??? 97.1 VT " , lcl. ad  
 1855 WMHX 99.3 ME Lincoln, HOT MIX  
 1856 WHOU 100.1 ME Houlton, r, ID  
 1856 K??? 92.1 IA Fort Dodge, lcl. ads  
 1900 WYKR 101.3 NH Haverhill, k, ID  
 1902 KDSD 90.9 SD Pierpont, c, ID  
 1906 WKXE 95.3 VT White River Junc.  
 1907 KKRC 93.5 SD Sioux Falls  
 1911 KL?Y 99.5 ??  
 1915 WHCF 88.5 ME Bangor, ID  
 1915 WOV 94.1 NE Omaha, ID  
 1919 KESY 104.5 NE " , ID 106"  
 1921 KEXL 106.7 NE Norfolk, Lite Hits  
 1930 UNID 102.7 "KMX", r  
 1935 KTRR 102.5 CO Loveland, "Tri-102"  
 1951 KOSI 101.1 CO Denver, ID  
 1952 KRXV 107.5 CO Lakewood  
 2000 KJCO 100.9 CO Yuma, "KJ-Country"  
 2007 KFMU 103.9 CO Oak Creek, rp, ID  
 2011 unid 104.7 "The new K-SKY", r, mo  
 2030 KHFM 96.3 NM Albuquerque, ID  
 2037 KSEL 95.3 NM Portales  
 2041 KLZK 98.3 TX Farwell  
 2104 KIDI 103.3 NM Albuquerque, SS  
 5/30 Es  
 1110 KSTX 89.1 TX San Antonio, lcl. wx  
 2200 KQIZ 93.1 TX Amarillo  
 2201 MUF 107.1 (Brief)  
 5/31 Es  
 0957 XHSR 97.3 NL Monterrey  
 1007 XET 94.1 NL "  
 1020 XHPJ 106.9 NL "  
 1033 XHQC 93.5 CL Saltillo  
 1336 KKWQ 92.5 MN Warroad, area ads  
 1359 KBWS 102.9 SD Sisseton  
 1404 KLQP 92.1 MN Madison, k, ID  
 1412 KMKX 94.9 MN Litchfield, "The MIX"  
 1417 KZZY 103.5 ND Devils Lake, nx  
 1423 KQDS 94.9 MN Duluth, ID  
 1859 KCGM 95.7 MT Scobey, ads, ID  
 1901 CKQB 94.5 SK Regina, ID  
 1903 KAUS 99.9 MN Austin, k, ID  
 1906 KJAM 103.1 SD Madison, lcl. ads  
 1911 KJWR 107.1 MN Hutchinson, lcl. ads  
 1913 KCCQ 107.1 IA Ames, ID  
 1914 KWS 105.9 MN Wadena, k, ads  
 1917 KRVB 106.7 IA Dubuque, ID  
 1923 KDFX 102.3 IA Davenport, ID  
 1933 KBBN 98.3 NE Broken Bow, ID  
 1935 KCLD 104.7 MN St. Cloud, r, ID  
 1941 KHAT 106.3 NE Lincoln, ID  
 1946 WWOJ 98.1 MN St. Cloud, "98 Country"  
 1949 KWWJ 96.7 SD Hot Springs, area ads  
 1952 KFMQ 101.9 NE Lincoln, lcl. wx

5/31 Es

1955 KTWB 101.9 SD Sioux Falls, k, ID  
 1959 KVCC 101.5 SD Gregory, g, ID  
 2003 KKPR 98.9 NE Kearney, "Power 99", ID  
 2008 KELN 97.1 NE North Platte, ID  
 2020 KSYZ 107.7 NE Grand Island, "Sunny 108"  
 2022 KZEN 100.3 NE Central City, k, ads  
 2032 KMTY 97.3 NE Aurora, area ads, "FM-97"  
 2034 KUTT 99.3 NE Fairbury, lcl. ref  
 2046 KEZH 101.5 NE Hastings, mr, "Magic 101"  
 2102 KWE 105.9 NE Kearney, r, ID  
 2105 KENV 102.3 NE " , k, nx, ID

6/1 Es

0930 KWHI 91.1 CO Morrison, ID  
 0934 KKCS 101.9 CO CO. Springs  
 0939 KNIC 105.7 CO Lamar, ID  
 0940 KBFI 105.9 CO Denver  
 0947 MUF 108.5 , VOR  
 0950 KZMC 105.3 NE McCook, ads  
 0953 KRYT 107.9 CO Pueblo, wx, ID  
 1001 KGRQ 107.1 CO " , "Q-107", ID  
 1004 K232CH 94.3 CO Alamosa, KSPK (102.3) ID, k  
 1007 KCLY 100.9 KS Clay Center, ID  
 1015 KNDY 103.1 KS Maryville, k, mono, ID  
 1017 UNID 97.7 Moberg, SD ad, mono  
 1019 KICX 95.9 NE McCook, wx  
 1022 KJCO 100.9 CO Yuma, "KJ-101", mono  
 1024 K261CB 100.1 CO Buena Vista  
 1026 KAWL 104.9 NE York, wx, Utica, "K105"  
 1028 KLEN 106.3 WY Cheyenne, ID  
 1030 KNAB 104.1 CO Burlington, wx, ID  
 1031 KRFS 103.9 NE Superior, ID  
 1034 KUTT 99.3 NE Fairbury, nx, "\$-99"  
 1040 UNID 104.9 "K-SKY", op  
 1058 KEZO 92.3 NE Omaha, ID  
 1100 KTSB 93.9 IA Sioux Center  
 1111 KLQP 92.1 MN Madison, ad  
 1130 WPCR 88.5 MA Amherst  
 1136 WHYN 93.1 MA Springfield  
 1230 KWHI 91.1 CO Morrison  
 1233 KDHT 92.5 CO Greeley  
 1458 KKEZ 94.5 IA Fort Dodge  
 1459 KPLO 94.5 SD Reliance  
 1502 KEXL 106.7 NE Norfolk  
 1506 KGRD 105.3 NE Orchard, g, ID  
 1514 KSCR 93.5 MN Benson  
 1525 KURO 92.1 SD Huron, "U-Rock-92"  
 1527 KNEY 95.3 SD Pierre, "Classic 95"  
 1532 KTWB 101.9 SD Sioux Falls, k, "102FM"  
 1535 KDOG 96.7 MN North Mankato, wx, ads  
 6/2 tr/Gw  
 1832 WCSV 102.5 TN Crossville, k, \$, [New

Never before have I had 8 straight days FM Es! And MUF's have never been as steady that I can recall. On 5/26 all Mexico City FM's were blasting in, but could only ID 3 of them. The morning of 5/28 is the earliest Es ever for me with s/off of KDVL 102.5 at 0128. At that time the spotty MUF would rise high in the FM band for a few minutes time, then drop completely out and back again. This probably continued after 0128, but I was Es'ed out! 73 + good dx.

KEEP TUNED  
 MORE REPORTS CONT.....

## SOUTHERN FM DX

JULY 1990

Jeff Wolf, 1131 University Blvd. W. Apt. 701, Silver Spring, MD 20902  
 Equipt.: Sears AN, FM, TV band radio

5/29 Es (EDT)

1928 KNIN 92.9 TX Wichita Falls  
 "Rockin' 92-9 KNIN"  
 2112 MUF 93.3 or 5

5/31 Es

1952 KNIN 92.9 TX Wichita Falls  
 1955 KLAK 97.5 OK Durant, "K-Lake"  
 2014 MUF 106.3

Hank Holbrook, 407 Arundel Rd., Fair Haven Cliffs, Dunkirk, MD 20754

(Dunkirk is our post office and is about 10 miles away! Fair Haven Cliffs, our community, overlooks the Herring & Chesapeake Bays about 15 miles below Annapolis, MD.)  
 RX-ANT (1) Pioneer SX-50 FM tuner (replacing the old Scott 310E from the 60's). Antenna is a Winegard CS-6065 used with a heavy duty Channel Master rotor. However, we're having trouble with the new system, apparently trouble with the booster or lead-in. Anyway we use to hear Philadelphia daily, and now I can't even hear it on a good trop opening (120 mi. away). Also this tuner is digital and has broad tuning and it's got to be modified for DXing. The Scott was modified and was sharp tuning. (2) Realistic DX-400. The whip is broken. I've got to replace it. Even with the busted whip it outpuls the SX-50!!  
 (3) Toyota AN/FM auto radio. 10 days ago we purchased a new Toyota Corolla station wagon and it like the old Toyota has a fine car radio. Was going to buy a Blaupunkt for the car but this set seems to be doing fine, so we'll save \$328.00! Parked in my driveway at time of reception. (Standard auto whip antenna)

5/20 tr (All Holbrook, MD)

0159 WRKE 101.7 DE Oceanview, ex-WOVU, 80  
 fairly good, oldies & ads, "101.7 KISS-FM,  
 write it down." RX-ANT (1)

5/29 Es (RX-ANT (3))

2057 KLTY 94.1 TX Dallas, g, ID 1350

Danny Buntin, 1312 N. Skyline, Stillwater, OK 74075

Equipt.: Pioneer TX-9100 IF modified, Antennacraft GFM-10 up 15' and rotor

5/23 tr (new to air)

1945 KRZZ 96.3 KS Derby-Wichita, calls 115  
 (Interesting that another Wichita has the  
 calls KRBB.)

2000 KIVY 92.7 TX Crockett, ID 350  
 2246 KYKM 97.7 TX Winfield, k, \$ 260  
 2247 KDXE 95.9 TX Sulphur Springs 250

5/24 tr

2359 WSTZ 106.7 MS Vicksburg-Jackson, ID 445

5/25 tr

0026 KLLA 103.5 LA Tioga, "LA-103.5"  
 0100 KAJN 102.9 LA Crowley, ID 495

5/28 Es

1121 KQFC 97.9 ID Boise  
 1137 KICE 100.7 OR Bend, k 1380  
 1154 KLZX 93.3 UT Salt Lake City, r, ad

"Rocking UT from the Salt Flats to the 905  
 Wasatch Z-93, great rock 'n roll".

1200 KUNA 92.7 NV Winnemucca, ID  
 1209 KRJC 95.3 NV Elko, ad, k  
 1221 KZDX 99.9 ID Burly 1000

1228 KTOK 94.9 WA Richland, "OK-95" 1340  
 1230 KPAH 92.7 NV Tonopah, ID

1232 KUNR 88.7 NV Reno 1280  
 1235 KKIQ 94.1 OR Bend, ads, "Q-94" 1380

1240 KEYW 98.3 WA Pasco, ad, "Key-98" 1350  
 1245 KBUL 97.1 NV Carson City, wx

1250 KWNZ 92.3 NV Carson City, ad  
 1255 KOMP 92.3 NV Las Vegas, ID, r 985

1305 KREW 96.7 WA Sunnyside  
 1305 KONA 105.3 WA Kennewick

1310 KARZ 106.1 CA Burney, "Cars 106"  
 1331 KATS 94.5 WA Yakima, ad, ID, r 1400

1332 KDNA 91.9 WA Yakima, SS, Yakima ment.  
 1355 KXQA 107.9 CA Sacramento, ID 1320

5/29 Es

2050 KKKZ 93.5 OK Altus, ment. phone call from  
 VA, "...picking up the 93-5 signal..." "...All  
 Hit Radio KKKZ"

5/31 Es

2110 KYII 104.7 TX Burkburnett, k, ID, "-104"

6/2 Es

2107 KNIN 92.9 TX Wichita Falls

2122 f/out

5/29 Es (RX-ANT (3))

2050 KQXY 94.1 TX Beaumont, pop mx, light, ID 1175

2000 WAFB 90.3 FL Ft. Lauderdale, ID 895

2043 KHLT 94.1 AR Little Rock, K-Lite ID 920

(Opening on 94.1 caught a channel w/all these  
 stations mixing in and out along with QRM at  
 times from WYSP Philadelphia, PA.)

5/28 Es

1359 KRNO 106.9 NV Reno, ID 1280  
 1402 CFMQ 92.1 SK Regina 1375  
 1406 CFMM 99.1 SK Prince Albert, local news

feature on Prince Albert hospital 1500  
 1420 CHFM 95.9 AB Calgary  
 1422 CJAY 92.1 AB Calgary

1759 KZEZ 93.5 UT St George  
 1801 KXTZ 94.1 NV Henderson, m

1805 KBBY 95.1 CA Ventura 1280  
 1811 KZLA 93.9 CA Los Angeles, ad 1220

1816 KXXZ 95.9 CA Barstow, "Kicks 96 FM"  
 1819 KHAY 100.7 CA Ventura, "K-hay", k

1825 KOST 103.5 CA Los Angeles 1220  
 1900 KZIQ 92.7 CA Ridgecrest, ID

5/29 Es

1833 WBNS 97.1 OH Columbus 820  
 1835 WPRR 100.1 PA Altoona

1841 WVM 98.3 NY Bath  
 1843 WJMR 98.3 OH Fredericktown

1845 WNAQ 95.7 NY Manlius, 95-X  
 2848 WHBC 94.1 OH Canton 920

1849 WEOZ 94.3 PA Saegertown  
 1858 WKSU 89.7 OH Kent 935

1859 WQED 89.3 PA Pittsburgh 990  
 1909 WOVK 98.7 WV Wheeling, k 950

1921 WALI 90.3 MD Grantsville  
 1959 WRVL 88.3 VA Lynchburg

2002 WMTT 88.7 KY Whiteburg  
 2011 WQNZ 95.1 VA Charlottesville

WQAX? 93.9 ?? not known??  
 5/31 Es (MUF 107.9)

1914 WKEZ 94.1 VA Yorktown  
 1915 WHBC 94.1 OH Canton 920

1918 WTVR 98.1 VA Richmond, cont... 1100

## SOUTHERN FM DX

5/31 Es  
 1940 WMOE 103.7 VA Richmond, ad, "B-107"  
 1944 WFLA 95.7 VA Farmville  
 1946 WSLQ 99.1 VA Roanoke, "Q-99", ad 970  
 1953 WGH 97.3 VA Newport News  
 1959 WMEJ 91.9 OH Proctorville, calls  
 1959 WWSB 91.1 VA Norfolk  
 2000 WJGN 96.3 OH Logan  
 2005 WCHI 92.7 KY Catlettsburg, wx, calls  
 2018 WSMO 102.3 OH Wilmington  
 2024 WBRB 93.9 WV St. Mary's, wx, "93R"  
 2029 WOSY 107.9 PA Pittsburg, k 990  
 2032 CHMX 88.7 ON Windsor-Detroit, ID,  
 "the Max"  
 2044 WTOE 98.1 OH Canton-Akron, ID, g 920  
 2054 WAZU 102.9 OH Springfield-Dayton, ID780  
 2105 WNDH 102.5 IN New Castle, calls 700  
 2105 WHIZ 102.5 OH Zanesville, ID 875  
 2115 WXXX 101.1 MI Green Bay, calls, r 750  
 2119 WJPD 92.3 MI Ishpeming, calls, nx  
 2123 WUPY 101.1 MI "on upper peninsula"  
 2129 WYCO 107.9 WI Wausau, ads  
 2137 WHWL 95.7 MI Marquette, calls  
 6/1 Es  
 1743 KMBR 92.1 OR Enterprise, calls  
 1744 KIOC 94.9 WA Richland 1340  
 1756 KATS 94.5 WA Yakima, "Cats", r 1400  
 1859 KOLK 94.1 WA Clarkston, ID  
 1903 KATW 101.5 ID Lewiston, "Cat FM", wx1240  
 1906 KUPI 99.1 ID Idaho Falls 950  
 1916 KCMR 104.7 OR Baker, ad, k

## Buntin, cont.

1100 6/1 Es  
 1919 KWHI 103.5 OR Pendleton, wx 1300  
 1921 KQVW 96.7 MT Belgrade, calls, M, wx  
 1933 KMSO 102.5 MT Missoula, "R. Missoula", m1150  
 1941 KEZE 105.7 WA Spokane, ad, calls 1310  
 1942 KMBI 107.9 WA Spokane, g, calls  
 1943 KHTR 104.3 WA Pullman, calls, ad  
 1950 KMRG 107.5 UT Orem, ad, Magic 107  
 1957 KTLF 92.7 MT Butte, calls, g 1060  
 2000 KUFM 89.1 MT Missoula, ID 1150  
 2011 KNAU 88.7 AZ Flagstaff  
 2016 KQPK 92.3 MT Ronan, ad, "KQ-92"  
 2020 KCPX 98.7 UT Salt Lake City, r, calls905  
 2029 WQLM 92.9 FL Punta Gorda, m, calls  
 2040 WUSA 100.7 FL Tampa, "W101", ad 1040  
 2043 WSOB 90.9 FL Naples  
 2045 WZZY 94.1 FL Lakeland  
 2049 WYNN 94.9 FL Tampa 1040  
 2055 WRBA 95.9 FL Springfield, calls  
 2106 WKGR 98.7 FL Fort Pierce, "KGP"  
 6/3 Es  
 1930 WLRN 91.3 FL Miami, ID 1255  
 1942 WINK 96.9 FL Ft. Myers, "Wink 97FM" 1130  
 1945 WJQY 106.7 FL Ft. Lauderdale, "Joy 107"  
 1954 WIVE 93.9 FL Miami Beach, ads, "Love 94"  
 2005 WQEZ 99.3 FL Ft. Myers, calls  
 2006 WAXY 105.9 FL Ft. Lauderdale, "Waxy FM"  
 2011 WCVU 94.5 FL Naples, "refreshing sea view"  
 2012 WNUM 94.3 FL Marathon, ID, m  
 2016 WXTA 88.7 FL Ft. Myers, "Way FM"  
 2024 WZTA 94.9 FL Miami Beach, "Zeta 94" cl. r

JULY 1990

## NORTHERN FM-DX

For DXers in: Canada, ME, VT, NH, MA, CT, RI, NY, PA, NJ, OH, MI, IN, IL, WI, MN, IA, NE, SD, ND, MT, WY, ID, WA, OR

JULY 1990

DEADLINE: The 1st

Log Cutoff for August column: May 1, 1990

We, May started out slow for DX, but really picked up during the last week, with several very good openings. Hi Band TV skip was reported on 2 separate days, May 29th and May 31st. The skip reported by many has also been at unusually long distances. If you got in on any of this E-skip, or any other DX, let's hear from you today!.....

MIKE CHERRY - BOX 631 - GANGES, BRITISH COLUMBIA V0S-1E0

EdNote: Mike mailed this report on time for last month but it did not reach me in time.

Equipment: see previous VUD's. @=1990 Toyota FM Stereo radio with stock antenna and whip, Realistic #12-1875 10db FM booster.

## MARCH 1990

15 Tr

2221 KFAE 89.1 WA \$

2224 KFFM 107.3 WA \$

2258 KKPL 98.1 WA

30 MS

unID 14 sec burst on 96.3

classical, beam SSE (160 deg)

## APRIL 1990

3 Es Noted 1253 to 66 Mhz briefly

10 Au

2110 CHFM 95.9 AB w/local ad

2119 CFFM 99.7 BC, primary ID

11 Au

2340 CJFW 103.1 BC, k, NNW

2359 CBXR 102.9 BC // CBU 690

"CBC British Columbia" ID

I wish I had better luck with M.S. In 15 yrs I have only IDed a few stations. No Es on FM yet - TV has only

yielded CCI. On the 18th I may have missed the first part of the opening - 94.9 may be CKUA-FM AB?

On the 10th CHFM may have been via Es, but nothing noted on TV other than severe AU noise, likewise

FM. The pre-amp booster is rarely needed in the 4X4. It was on when KXYQ came in, but not in on the

15th. (Mike also kindly sent a logo for CTR 101.9. Thanks!-gc) 73's..Mike

FRED NORDQUIST - 7945 BOXFORD ROAD - CLAY, NEW YORK 13041 (ELT)

Equipment: Receiver: Carver TX11A, modified with five 150 khz IF Filters. Antenna-One CM Sterep

Probe 9 at 35' AGL - CAC11 75 ohm coax, homebrew tunable bandpass filter.

## FEBRUARY 20, 1990 GW

2055 WKLL 94.9 NY Frankfort, classic rock (new) 54

## MARCH 4 MS

2149 KLAZ 105.9 AR Little Rock, "KLAZ presents..."

unexpected burst

1043

1903 WEOZ 94.3 PA Seagertown, Top 40, ID

no QRM from WYYY.

227

## APRIL 24 TROPO

2305 WGTY 107.7 PA Gettysburg, k, ID, no WRHP 235

2342 WFMZ 100.7 PA Allentown, b, ID, no WEZG 178

## MAY 1 TROPO

1903 WEOZ 94.3 PA Seagertown, Top 40, ID

no QRM from WYYY.

227

APRIL 16-22: Vacation at West-Gate Villa Time Share in Kissimmee, FL. 21-22 bandscanned on

Dodge Caravan Infinity FM rx. Most FM channels filled, including some as far away as Jacksonville

(141), Sarasota (98), and Vero Beach (76). AM late night bandscan from Central FL was weird, with

mostly Cubans and SS dominating the channels. Totals now up to 1475. On 2/15, my stacked Stereo

Probe 9's antenna mast buckled in two places during the worst ice storm in memory. Locals WKFM/

WFRG/WNYP/WRVO were knocked off, then the house power went off so I couldn't DX the vacant

channels. Fortunately the antennas weren't damaged, just had to replace the mast. **FILTER****MODIFICATION UPDATE:** \*Thanks Bill Niensajad and Bruce Elving for April VUD tips, on 4/

24 I modified my Carver TX1A (replaced 5 filters) and backup Heathkit AJ-15 (2 filters) receivers with

150 khz Murata filters from Hosfelt Electronics. Selectivity greatly improved in both. On the Carver,

channels adjacent to my locals cleared up, some splatter free for MS DX! Future projects may include

building variable bandpass filters with state-of-the-art components to help eliminate overload, and

installing 2 SP 9's side by side to sharpen directional characteristics. Can anyone recommend a good

filter construction cookbook? I noticed a cable filter kit and an active filter kit in Hosfelt catalog

73-Fred

The kickoff of the Es season was nice while it lasted. And it started out coming from the West and Northwest, places that not come in as much as the East does. Alberta and Saskatchewan had only been heard from 2 or 3 times before. Before May was over with, the season was already better for both Es and tr over dismal 1989.

On the evening of May 15 an unusually vicious storm came barreling through here packing with it a deadly tornado. Winds blew 50 to 100 mph all over town and estimated at 160+ mph in the narrow path of the actual tornado. The tornado bearing cloud was halfway through town without creating too much havoc when it started dipping down on homes and businesses, rather erratically. At the 6 screen theater films were stopped and patrons urged to seek safety in the hallway. Not sustaining major damage, the theater was ready to reopen 3 nights later. The hardest hit apartment complex was soon abandoned and had a fence put up around it. It looked bombed out. In the vicinity, a subdivision was a scene of utter devastation. More than a dozen homes were unroofed and destroyed. The worst tragedy of the storm played out here. Not wanting to wait out the tornado threat in a mobile home, a little boy and his mom fled for better safety to a friend's home. They just managed to make it to the drive in a pickup when the tornado struck. The pickup got hit by a huge piece of roofing debris on the boy's side, killing him. The mother was not severely hurt. After the tornado passed the friend had to rush out the back door of his home to help them. The front entrance was blocked by debris. Regular power was out at all 3 local FM stations, but KSPI in living up to their call letters "Keep Stillwater People Informed" switched to auxiliary power and soon started a continuous track of damage reports. The sunny morning after revealed the extent of the damage for the first time. The sound of the coming and going of helicopters involving the military and TV media were constantly pounding the morning air. The Tulsa and OKC TV stations were out in full force with their vans and trucks containing equipment like satellite dishes with uplink and micros. The National Guard and police cordoned off entrances to the square mile area hardest hit. Once we had left the area, I and over 2000 others in this town of 30 something thousand were expected to go to city hall and pick up an orange pass before we could drive through the blocked off areas to get home. A portion of north Husband St., where Glenn Hausser lived years ago, was a mess, mostly from tree debris. Sightseers jammed the street since it was one of the few hard hit streets allowed to be open. Shortly before the tornado, I was talking with a DXer from KS who called when I started hearing the civil defense siren blaring & nearby thunder. I was already aware a severe storm was approaching and quickly got off the phone. Checking NOAA wx radio told of a tornado warning affecting Stillwater. I tried to tune in to what the amateur radio wx spotters were thinking when all of a sudden the electricity went off.

(Sorry, to be continued next month...)

Bill Nienajady 98 Highland Ave Clifton NJ 07011 Equipment Sony ST-J 60 tuner modified

## April 1990

## 23 Gw/Trs

7 locals off inc. 89.8, 101.9, 103.5  
0130 Relogs-WVIA 89.9, WMT 101.9, WJF 101.9, WJTV 101.9  
0145 WJFX 103.3 NY Buffalo WPRB on! "The Fox" ---275  
0206 WJMS 103.5 DC Washington ID ---207  
0210 WSHO 103.5 NY Cobleskill 98.3 & 103.5 ShowFM-166

## 25 Tr

Morning: Boston 89.7, 102.5, 105.7 nothing more ---190

## 28 Trs

0902 WJBT 104.5 PA Wellsboro ID+B-104" ---189  
0925 WJWR 100.5 NY Rochester ID ---235  
1733 WHOM 94.9 NH Mt Washington ---295

## 29 Trs

0942 WJMW 103.3 NY Vestal ID ---160

## May 1990

## 1 Trs

2303 WRCZ 101.7 MA Pittsfield ID + "Z-101.7" ---170

## 6 MS

1053 KFMH 99.7 IA Muscatine "....Gates open at....  
..(Fade)..thousands in cash, There's a custom car  
show & Miss Heartland Beauty pageant too. Get your  
tickets at all IQWA & ILLINOIS Ticket Master out-  
lets Call 1-800-869-1414 A Heartland Thunderbird  
Memorial Day weekend...." 16 sec burst! ---820

## 7 Gw

0039 W244AS 96.7 NJ Oakhurst/Z-100, WJAZ off ---■

## 8 Trs

1944 WJMS 100.5 VA Norfolk ID ---307

## 13 Trs

1700 WSHH 99.7 PA Pittsburgh ID ---311  
2045 WCCY 103.7 MD Havre De Grace ID, WJMG low pow-140

## 14 Tr

2000 WJLC 102.5 in all evening-Norfolk & Del Marva  
2310 WJCF 105.7 NC Columbia

## 18 ES

1940 WJGN 92.1 MS Brookhaven B-92.1 lcl ment-B92-1080  
1943 WJST 92.5 MS Forest Local ments ---1050

## 20 Trs above average all day!

0958 WSHH 99.7 Pittsburgh ---311  
2236 WJHR 102.9 NY Syracuse ---202  
2254 WJFE 96.1 NY Buffalo ---275

## 23 ES MUF Ch 4 @ 1905

## 27 ES

0915 WJTO 92.1 FL Venice ID ---1068  
1430 MUF 88.1  
2305 KKEG 92.1 AR Fayetteville ID ---1150  
2316 KJTT 97.7 AR Yellowknife ID ---1035  
2326 KJTT 90.5 OK Broken Arrow ID ---1038  
2345 KJFF 92.9 OK Tulsa ID ---05  
2348 WJUE 93.3 LA New Orleans ID ---1025

## 28 ES

0000 WJID 93.7 MS Biloxi ID ---1108  
0005 WJRT 95.7 LA New Orleans WJIX New Mx ---1025  
0010 WJRT 101.7 MS Collins ID ---1061  
0020 KJHM 104.1 LA Home ID K-HOM ---1043  
0022 WJRT 105.7 MS McComb ID ---1043  
0024 KJRF 104.9 LA Abbeville ID ---1202

0030 ??? 99.7 Power 99, not GA maybe MS? new  
0033 KJLJ 103.7 LA Lake Charles Bayou 104 ---1283  
0047 WJRT 101.3 MS Meridian Q-101.3 ---1283  
0101 KJRT 88.1 TX Denton ID Texas Finally ---365  
0111 KJRT 98.9 TX Carthage ID ---1255

## 28 Super Tropo

2230 Norfolk, Princess Anne, Salisbury MD all super  
2300 Outstanding to Northeast...  
2316 WJCB 94.9 MA Yarmouth ID w/talknet ---220  
2330 WJFX 106.5 NY Albany ID super ---155  
2335 WJAF 107.3 MA Worcester ID solid ---80  
2340 WJBF 105.7 MA Framingham ID solid ---185  
2342 WHOM 94.9 NH Mt Washington ID good! ---290  
2350 WJOS 92.9 MA Brookline ID w/new age mx gd! 185  
2358 WJFD 97.3 MA New Bedford ethnic ---165

## 29 Super Tropo continues

0001 WJRS 96.1 MA Worcester ID solid ---180  
0103 WJOR 98.5 MA Boston ID long wanted ---190  
0110 WJON 104.1 MA Boston ID Ontario ---190  
0112 WJCR 102.5 MA Waltham ID ---180  
0115 WJNY 102.1 MA Springfield ID SOLID ---125  
0131 WJFR 88.5 MA Amherst super strong ---165  
0142 WJRK 97.5 NH Dover ID w/MLK ---235  
0145 WJLR 97.1 CT New Haven way over WJWZ  
0149 WJDS 103.3 MA Boston ID ---190  
0248 WJCY 93.7 MA Lawrence ID yes over WJWH! 215  
0250 WJRS 107.9 MA Boston cutting into WJBE! ---190  
0300 WJST 100.9 NY Woodstock strong ---00

## 29 ES OUTSTANDING

1900 KJTT 91.7 TX Dallas ID ---1400  
1903 KJBT 90.9 TX Dallas ID ---1400  
1909 KJTT 93.7 LA Shreveport ID ---250  
1911 KJTK 95.9 AR El Dorado Kix 96-lcl ment ---130  
1915 KJTY 94.1 TX Dallas ID new calls? ---1400  
1919 KJZS 92.5 TX Dallas ID in over 1 hr ---1400  
1923 ??? 97.3 FL Miami new calls 4 GTR ---1090  
1925 KJAZ 93.3 TX Gilmer ID ment longview too-1249  
1929 WJCU 94.5 FL Naples ment SW FL+lcl area 1100  
1931 WJRN 91.3 FL Miami ID ---1090  
1942 WJDT 95.7 FL Homestead SS ment Miami se-1095  
1946 WJCY 92.1 FL Labelle ID+Cozy 92 ---1095  
1957 WJOW 96.5 FL Miami ID Power ---1090  
1959 WJOK 96.1 FL Ft Myers ID ---1075  
2000 KJ 96.3 TX El Paso ? or Bithville Ark ?

this was thru local WJRT!!! sounded  
like KJLI HELP! have it on tape.

2022 KJGO 92.9 TX Pasadena ID Q-93 lcl ment ---1330  
2018 KJTR 92.1 TX College Station Star 92 ---1410  
2047 WJUE 95.5 LA New Orleans ID ---1025  
2050 WJUE 93.3 LA New Orleans ID ---1025  
2059 KJLI 96.5 LA Shreveport ID ---1250  
2100 KJRS 88.7 LA Lafayette ID ---1075  
2101 WJSH 88.5 MS Hattiesburg ID ---1075  
2108 KJRT 99.3 AR El Dorado ment 5 AR+EL Dorado 1100  
2114 KJTY 96.7 TX Cai rage ID JX 99 ---1255  
2115 WJGZ 98.1 LA Baton Rouge lcl ment+Z-98-1210

Comments: WJW! 3 Days of Prime DX! This is May aint it  
by the looks of things one would figure it was mid or  
late June. May 29 goes down in my book as the best  
skip I ever seen here in Clifton. That 29th tropo was  
almost if not on par with the one I seen in 1983, in  
fact it was better. Yes the season is here! If this  
is just a small sample of whats ahead then I can't  
wait!  
Gooding! Bill!

JOHNEBELING - 9209 VINCENT AVENUE SO. - BLOOMINGTON, MINNESOTA 55431

## JANUARY 8, 1990 TR

2024 KQD 95.5 ND Jamestown

## JANUARY 23 TROPQ

900 KBPR 90.7 ND Brainerd

## MARCH 26 AURORA

0059 WJCH 91.9 NJ Joliet

That's it! All my Bloomington MN DX so far can easily fit on a post card! Regards John Ebeling

## MARCH 26 Aurora cont.

0100 KOS 91.5 NE Omaha

0100 KGRC 92.9 MO Hanniba

0108 KMOD 97.5 OK Tulsa

## MARCH 27 TROPQ

2217 KZLT 104.3 MN East Grand Forks

## Welcome New Reporter !!!

dBRUCE HALL c/o 141 KING ROAD - BRANTFORD, ONTARIO CANADA N3R 5K7

Equipment: Pioneer SX525 receiver, Pioneer SX550 receiver (as of 5/7/90), Magnum Dynalab ST2 Whip at 45 AGL  
fed with RG59, Stereo Probe 9 fed with RG59 @ 50' AGL, whip now 55' (as of 4/11/90), new mast, A/B switch  
CM AMP 7363 16db, magnum dynalab. Signal sluet (as of 4/20/90), Pioneer SX550 modified with (1) 150 khz  
filter as of May 12, 1990. AIWA WX220 tape deck.

## APRIL 1990 DX

## 4 Gw/Trs

2302 CUIT 89.5 ON Toronto, grj5 V/L (LOGO) following 80

2324 CUMX 188.7 ON Windsor, I, "88.7 the right music mix" 253

2350 CKLN 88.1 ON Toronto, C, pad for Tuesday aft show 80

## 5 Gw/Trs

0004 WESE 88.9 PA Edinboro, r, AP Network News 145

0630 unID WGFC, NPR Washington (frequency? -gc) 218

0639 WCPN 90.3 OH Cleveland, js, traffic report sponsor 218

0700 CJRT 91.1 ON Toronto, c, j, ID 80

0705 CEMX 196.3 ON Mississauga, c, "1 celsius outside out 69

Lakeshore Studio, I'm Don Small"

071 WKSE 98.5 NY Niagara Falls, rs, "98.5 the #1 hit 150

music station", wx, ad, slogan

0713 WKLY 98.9 NY Rochester, rs, ad for WKLY time 192

machine at 8:40 AM on Classic Oldies

## 6 Gw/Trs

2118 WJWE 93.3 NY Jamestown, rs, "scanning the universe 192

with 50 million picrowatts", SE93,

DJ was Doctor Terry Larnar 35

2132 CKGL 96.7 ON Kitchener, k, ID 115

2134 WGB 96.9 NY Buffalo, Tom Pezz music (97 Rock)

2153 unID WNGW DJ Tim Michaels (approx frequency? gc)

2213 CKNX 101.7 ON Wingham, nx, wx, ad for launch for New 157

Meaford. Frequency 104.9 as of 4/12/90

(I still hear them on 101.7. Have they delayed 115

the switch? -gc)

2221 WJFX 103.3 NY Buffalo, 103.3 the Fox 115

2223 WJCK 103.7 PA Erie, S, The all new K-Hits 104 115

2236 WJTI 104.1 NY Buffalo, rs, Oldies 104, good times 115

and great oldies jingle

2240 CHRE 105.7 ON St. Catharines, Nightcap Pete Walker 80

2248 WYRK 106.5 NY Buffalo, k, Restless Heart for Eden 115

2250 WJMW 107.7 NY Weathersfield, The Wave, mj, 170

2250 WJML 91.7 MI Alpena, CMU, ph# 800-999-5656

phoned to verify (Bruce, note calls/city-gc) 368

2312 WJVE 88.9 NY Fredonia, FM89, rs, ph 673-3428 115

## 7 Gw

2316 CJRX 92.7 ON London, k, BX 93 80

## 8 Tropo

0000 WJLE 104.9 OH Lorain, g (Bruce, note this is from Lorain-gc)

0721 WHOT 101.1 OH Youngstown, r, Hot FM 101, music 230

by Gloria Estefan

0727 WJOK 102.1 OH Cleveland, m, traffic report Honda ad 218

0740 WJAL 104.1 OH Cleveland, b, Jewerly ad, wx 218

0755 WJMI 105.7 OH Cleveland, r, Morning Zoo traffic 218

2157 WJET 102.3 PA Erie, r, 10 most requested hits @ 2210 115

2212 unID WBAQ Top 10 at 10, Antenna Southwest

(Was this 101.9? If so, could be WVAQ Morgantown, WV gc)

## APRIL 8 Tropo continued

2259 CEMP 101.5 ON Peterborough, FM101, mj, ID 202

## APRIL 25 Tropo (Hot and humid)

0620 unID 101.5 WPIZ maybe WPIIT (likely-gc)

0659 WJRE 103.3 OH Cleveland, gb, traffic nx, music.

Apple Tree discussion at 0707 218

0720 WJIM 97.5 MI E.Lansing, b, Christopher Cross mx 218

0737 WONE 97.5 OH Akron, r, The Home of Rock nRoll 258

1344 unID "weji" "Wish upon a fish" probe southwest (Bruce,

was this around 95? Could it be WJTI Fort Wayne?-gc)

1400 WDET101.9 MI Detroit, legal ID, jn 255

2132 WOED 89.3 PA Pittsburgh, c, subscription pledges 309

2157 unID Detroit 93.9, "WOR 94" mx, oldies, music by

Blood Sweat and Tears (Bruce, this is actually CKMR in

Windsor, whose slogan is MORE 94-gc)

2203 CKSY 95.1 ON Chatham, m, Cozy 95, DJ Jerry

## 26 Tropo (Hot and humid)

0617 WJWS 94.9 PA Pittsburgh, r, Morning Zoo, SWs 309

0750 WEZE 104.7 PA Pittsburgh, b, "EZ104, brand new"

Carpenters music (Bruce, note new call letters-gc) 309

0800 WDBA 107.3 PA DuBois, mg, USA Radio Network 258

0805 WHSB 107.7 MI Alpena, r, nx, spot on pet neutering 356

1905 WJCL 90.3 IN Fort Wayne, gc, forlrest west DX 437

## 27 Hot Humid

0628 WKJC 104.7 MI Tawas City, k, wx, Alanna Myles mx 295

0650 unID 90.1 WUCX? (This is Bay City, Michigan-gc)

0659 unID WRKI (Frequency?-gc)

0659 WJQR 101.5 OH Toledo, b 311

0759 WKAR 96.5 MI E.Lansing, c, nx, wx, ID 350

## 28 Tropo (Hot Humid)

0616 CJRV 88.7 ON Toronto, ethnic 80

0721 WPIG 95.7 NY Ilean, ID, prior WOLN 200

## 29 Tropo (overcast)

0611 WJCS 89.3 OH Cleveland, p, ID 218

## MAY 1990 DX

## 6 Tropo Scatter/Ground Wave

0657 WOED 89.3 PA Pittsburgh, c, 3m prestantiaon 309

0726 CHAY 93.1 ON Barre, b, s, wx 152

## 7 Trs (Pioneer SX550 now in use)

2212 WJAK 93.1 OH Cleveland, rs 218

2232 unID WJPI antenna south

2235 unID FM98 WKBF probe Southwest 230

2355 WJXQ 99.1 PA Ebensburg, rs, ID 315

## 7 Tropo

0755 WKDD 96.5 OH Akron, Top Banana's DJ 258

(Bruce, note calls are WKDD and freq is 96.5 gc)

MORE GREAT DX TO COME NEXT PAGE!

## BRUCE HALL'S REPORT - continued

## May 1990 DX

**9 TrS**  
 Got up at 5 am to DX. Just getting set up in basement shack when I flicked on power switch on FM signal sleuth and everything went dead. I thought I had blown a fuse. Major local blackout due to transformer fire.  
 1345 unID FM102 Bob Dylan "Knocking of Heaven's Door"  
 1749 unID "Z Rock concert series" phone caller from Seattle requested Aerosmith (frequency-gc)  
 0022 WWWW 106.7 MI Detroit, W4W ad, wx 255  
 0022 WQXA 105.1 PA York, "It's time to say godaught to everybody over in PA, WV and Jersey tonight" (Bruce, this station is on 105.2, is it possible you heard WQXX 105.1 from Salem, Ohio instead? -gc)  
 2015 WACE 88.5 PA Erie, "the voice of Mercyhurst C." 115  
 2054 WZQU 94.5 MA Boston, "WZOU Boston's 10 in a row" Z-94 new DX record (Bruce, I suspect this was a "meteor" burst. Was it in for only a very short time, say a few seconds? Was the signal choppy as well? -gc) 713  
**9 TrS**  
 2143 WBLK 93.7 NY Depew, sgS, took phone caller 130  
 2235 WDCX 99.5 NY Buffalo, "Buffalo's Premier Christian Radio Station is the One to Turn to" 115  
**11 TrS CM Stereo Probe now in use. 50' AGL, ST2 whip #5**  
 1.29 WQLN 91.3 PA Erie, jcS, "FM Erie 91.3 on your dial" 115  
 2146 WRKT 100.9 PA North East, rs, Rocket 101, "the radio station that sends blood to parts of your body that blood has never been before. Rocket 101, the Rock of Erie" 115  
 2251 WBBZ 93.7 PA Pittsburgh, r B94 ad for morning show 309  
**12 TrS**  
 0030 WQPR 107.5 MI Detroit, DJ talking to caller 255  
 0702 WJYE 96.1 NY Buffalo, mS JOY 96 ID 115  
 0712 WQCA 96.5 NY Fredonia, S, calls 115  
 1330 WQMC 104.3 MI Detroit, m, Bob Dylan mx 255  
 2355 WNEA 88.3 MI Port Huron, ad, g (Note Calls gc) 180  
**13 TrS**  
 0001 CKOT 101.3 ON Tilsonburg, mS, Stereo 101 50  
 0008 unID WKBM Beach Boys mx (frequency? -gc)  
 0655 WLTN 93.1 MI Detroit, Lite FM, ID, TC, music by Lennie Welsh "Since I Fell for You", ad 255  
 0658 CKMR 93.9 ON Windsor, TC, More 94 FM (Bruce, note that this is CKMR Windsor, not "WOR Detroit", and that the slogan heard was More 94 not Wor 94 -gc) 255  
 0706 WQMX 94.9 OH Medina, m, Phil Collins, ad for Jay Leno tickets. 160  
 0716 WREF 97.1 OH Ashtabula, b, new FM 97, weather given by time earl of ch 35 (WSEE-TV Erie-gc) 160  
 0724 WXTA 97.9 PA Edinboro, k, new Country 98 145  
 0731 WNCX 98.5 OH Cleveland, r, Classic Rock, ID, TC 218  
 0749 WXXC 99.9 PA Erie, mS, Classy 100 FM 115  
**CM 1363 amp added**  
 2022 WBLU 92.9 NY Buffalo, mS Best mix of favorites from 60s, 70s and today, FM93 WBUP 115  
 2030 CKDS 94.3 ON Hamilton, mc, lite rock, ID 40  
 2048 WKYN 97.5 PA Saint Marys (Bruce, note the correct frequency and city-gc), Kid Cooper DJ, Debbie Gibson mx 185  
 2050 WKBN 98.9 OH Youngstown, FM99, Elvis mx 230  
 2056 WERA 99.3 PA Franklin, "The New Mix specially designed so you can listen at work" (Note this is Franklin, Pa. -gc) 170  
 2107 WZPR 100.3 PA Meadville, k, r, George Strait mx 170  
 2125 WCLV 104.9 PA Erie, ID (Bruce, what you heard was the translator for WCLV 95.5 Cleveland that operates on 104.9 serving Erie. Calls can be found in the translator section of the FM Atlas. Nice Catch -gc) 115  
 2200 WWSK 106.7 PA Beaver Falls, m, LiteRock (BurnRock?) KISS 107 267  
**14 Tr**  
 0648 WERG 89.9 PA Erie, FM 90, ID (Freq is 89.9-gc) 115

## May 1990 DX

**15 TrS**  
 2356 WHUG 101.7 NY Jamestown, k, In Chautauque Cnty 150  
 2359 CHIN 100.7 ON Toronto, e, Multicultural radio where the good shows get together " 80  
**16 TrS**  
 0007 WYOR 100.5 NY Rochester, m, ID 192  
 0008 CFNC 103.9 ON Oshweken, k, r, Skyman DJ, CCR mx, power is 10 watts 25  
 0636 WLTN 106.5 OH Cleveland, r, 1-800-829-1065 218  
 0637 WDON 104.9 OH Geneva, m, Northern Lite wx 161  
 2206 CFXK 106.9 ON London, r, 6X, ic, nx, flute mx 80  
 2216 CROM 103.1 ON London, m, Jennifer Wames mx 80  
 2241 WBRF 101.7 NY Attica, m 175  
**17 TrS**  
 0106 WPII 101.5 PA Pittsburgh, FM101, wx, Greg McAtee 309  
**18 TrS**  
 0654 WYCC 101.7 PA Linesville, calls and ID but no frequency (it is 101.7-gc) 175  
 0659 WNEE 99.3 PA Erie, the new mx (Are you sure this was not WERA in Franklin again? There is no such station as WNEE Erie-gc) 115  
 2139 WLOT 104.7 MI Toledo, rp, "for 17 years" 313  
 2210 WLLZ 98.7 MI Detroit, rp, "Detroit Wheels" 255  
 2242 WCSX 94.7 MI Birmingham, r, weather, Detroit's only Classic Rock 279  
**19 Tr**  
 0633 WPCX 106.9 NY Auburn, k, George Strait mx 313  
**22 Tr (Fog)**  
 0025 WQXX 105.1 OH Salem, K105 "9 in a Row" (Bruce, note this is from Salem, Oh. not Philadelphia-gc) 80  
 0114 CJEZ 97.3 ON Toronto, bS, ID 281  
 0155 WDIQ 92.5 OH A. distance, r, Q92 FM 230  
 0600 WYSU 88.5 OH Youngstown, c, s/on, NPR 255  
 0621 unID Detroit "The New K-95" (Bruce, this is 95.5 WKQI, The New Q95 Detroit-gc) 255  
 0658 WNIC 100.3 MI Dearborn, sr, the best music mx 255  
 0711 WBRF 101.1 MI Detroit, rp, ID 218  
 0714 WMMR 100.7 OH Cleveland, r, Doors special 251  
 0811 WNWY 107.3 OH Elyria, m, "Musical Star-Streams for the north coast" 251  
 1014 CKOT 101.3 ON Oshawa, b (Bruce, this station is from Tilsonburg, and was logged by you earlier-gc) 148  
 1041 WYQ 99.1 PA Ebensburg, r, Good Time Rock and Roll 315 (Bruce, this is a relog for you-gc)  
 1153 WIDL 104.9 MI Caro, m, fog now gone (Clear) 258  
 2000 WAMQ 105.9 PA Pittsburgh, rs, Hot 106 309  
 2046 unID 104.7 EZ 104.7 (This is WEEZ Pittsburgh-gc) 309  
**23 TrS Restless night's sleep knowing sleuth hooked up and I might be missing good DX while sleeping**  
 0422 WBFQ 88.7 NY Buffalo, jc, NPR 115  
 0455 WRKU 95.1 PA Grove City, The Wolk, ad (Note that this is not Youngstown-gc) 230  
 0542 unID WQSK K Country K105 (WQXX Salem, Ohio-gc) 355  
 0630 WFMK 99.1 MI E. Lansing, Lite Rock 99 355  
 0654 unID WCLV "the new Q-95" (Bruce, what you heard was two stations, WCLV Cleveland and WKQI Detroit-gc) 255  
 0657 unID 98.7 WCLV everyday a no repeat day, probe NW 23 TrS  
 0600 WDLQ 90.5 PA Pittsburgh, jc, NPR, TV review 309  
 0601 WCYV 90.9 OH Jefferson, gospel 161  
 0626 unID K94, request for phone callers, probe south 170  
 0634 WEOZ 94.3 PA Seagertown, ad for Crawford car care 170  
 0650 WKYN 97.5 PA St. Marys, 97KYN (Bruce, you heard this one earlier-gc) 258  
 0719 WGAR 99.5 OH Cleveland, k, Northern Ohio ad 218  
**12 Tr** Ceram in filter in place now. Left 1 filter stuck as per phone conversation with F.K. McVey. Thanks. Thanks too for Bill Nienajady's reports on merits of old analog Pioneer

## BRUCE HALL'S REPORT continues.

## May 1990 DX

**12 GW (I think these are out of order-gc)**  
 0702 CKWR 98.7 ON Kitchener, pr, 1450 watts 35  
**14 Tr (Clear Skies)**  
 0628 WQMX PA DuBois, r, ID Frequency? (There is no such station. Perhaps it was WQMX Medina, OH? -gc)  
 0803 WOWO 102.1 PA DuBois, Q102, jr, thru CFNY, ID 258  
 0809 WVOR 100.5 NY Rochester, m, ID, WVOR 100 192  
 1342 WRJS 98.5 PA Oil City, k, m, Billy Swan "I Can Help" 201  
**15 Tr (Hazy)**  
 0705 WRVQ 89.9 NY Oswego, nj, FM90, NPR and UPI 339  
 0714 WMMH 89.3 NY Webster, 115-469-5051, request line  
 affiliate of WMHR 102.9 Syracuse 345  
 0744 CFML 103.9 ON Hamilton, pr, j, 50 watt, music by Laughing Hyennas 40  
 0800 CEJR 95.7 ON Barrie, r, Rock 95, ID, m 152  
**19 TrS (cloudy)**  
 0608 CBCL 93.5 ON London, m, CBC, poem about Europe 80  
 062 CHTZ 97.7 ON St. Catharines, rS, 97.7 Hits FM 80  
 0634 CIBC 99.3 ON London, m, French station 80  
 0641 CKFM 99.9 ON Toronto, rS, ID 80  
 David Bruce Hall is a 42 year old who was so close to enrolling into Ryerson Toronto to major in a radio career but chose a career in sales instead. I wonder "what if"? First DX experience was listening to WABC "Cousin Bruce" NYC on a regular basis in the 60's. Sending away for the FM Atlas led me to W.T.F.D.A. and after 6 issues of VHF-UHF Digest and 6 weeks of twisting the dials decided to report in. Please excuse my missing frequencies due to inaccurate analog dial, lengthy report due to many locals to log and many unIDs. Well, what would you expect from a rookie? Please also excuse lack of propagation info due to inexperience...My location is just downstream from the centre of town beside the river valley; maybe not the best location for FM DX...Thanks for great articles on ceramic filters which have made my old SX550 Pioneer a lot sharper. Thanks again T.K. McVey for filters and advice and also Jeff Falconer for his letter on equipment. Plan to attend WTFDA Convention '90. Hope to gain some expertise there. (Bruce, Welcome to WTFDA and Northern FM DX. Do not worry, as you go on the different DX propagation modes will become much easier for you to discern. There are some nice catches made here, hope to hear from you again! -gc) 73, dB

## JEFF FALCONER - BOX 63 - CLINTON, ONTARIO NOM 110

Equipment: Magnum Dynalab FT101A, Stereo Probe 9 at 27' with rotor, RG-11U.

## MARCH 1990

**14 TrS**  
 0200 WAJC 104.5 IN Indianapolis, ID as "Public Radio for Indianapolis", Night Music pgn, rS 353  
**17 MS**  
 1434 KECO 96.5 OK Elk City, "KECO Wants" over WKDD 1132  
**31 MS**  
 0201 WMGQ 98.3 NJ New Brunswick, "WMGQ" State #36 Heard, 422

## APRIL 1990

**2 MS**  
 0233 KMYZ t 104.5 OK Pryor, "on Z-104.5,"  
 0258 WYFV, 104.5 FL Atlantic Beach, "FYV, Jackson," previously by Es 919  
**5 MS**  
 0236 KEYN 103.7 KS Wichita, ID 928  
**6 TrS**  
 1524 WSHW 99.7 IN Frankfort, tn briefly with ad for furniture store in Florida. 343  
 1538 WKSD 99.7 OH Paulding, rS, Kias 99.7 231  
**7 TrS**  
 1842 WYQ 99.1 PA Ebensburg, rS, ID "serving all Cent. & West PA, TYQ 99.1 FM" 261  
**9 MS**  
 0302 KESY t 104.5 NE Omaha, "In Omaha" 8 TrS  
 1529 WQUB 91.3 OH Athens, \$ bluegrass program // WQUB 89.1 which was also in good 298  
 1600 WDRP 89.5 OH Dayton, weak, ID, w/WMSU 304

## May 1990 DX

**21 TrS (overcast)**  
 0630 WKSU 89.7 OH Kent, cj, NPR Morning Edition, ID 243  
 0732 WACZ 93.9 NY Danville, Z-94, nx, Karen Turner 195  
 1322 CFNC 103.9 ON Oshweken, (mono sul) Ojibway native mx by the "7th Fire badm called Hi-Tech TeePee Trauma Mama". Still only 10 watts changed to 50 watts in June. Approx 50 foot tower. Visited studio and spoke to DJ Skyman at 14:30. No logo as of yet. 25  
**22 Tr (Cool clear)**  
 0539 WNWV 107.3 OH Elyria, Wave, mono reception, ID 253  
 0558 WCTL 106.3 PA Union City, g, Stereo 106 Plus 155  
 0620 WGOJ 105.5 OH Conneaut, g, ID, mono reception 158  
 0752 WBRB 100.1 PA Bradford, Coal 100 250  
**23 E-Sko**  
 0600 WQCS 88.9 IL Fort Pierce, Classic 89, ID on hour followed by short musical piece. NPR, c, m, spoke to Jill Roberts nxcaster, QSL, V/L to follow  
**14 Tr**  
 0239 [WAMQ] 107.1 MI Ann Arbor, mS, The New Mix 107, ex WPAG WSAQ off. 120  
**11 Tr**  
 0649 WSTD 96.9 MI Standish, rS, ID, was one of my most wanted. 122  
 0709 KEEZ 99.1 MN Mankato, good with local news and wx rpt. Hard to tell if this was Ty or Au, was weak, but 100% readable and fuzzy like Au. Logging #900 (Jeff, I heard that there was some very readable Au that night. Of course, I missed it, hl gc) 644  
 0739 WDOR 83.9 WI Sturgeon Bay, \$, o/CKMR 298  
 0745 WDUZ 98.5 WI Green Bay, poor w/WUPS 323  
**12 Au**  
 0200 WFPK 91.9 KY Louisville, weak w/ID 429  
 0310 CKMF 94.3 PQ Montreal, disco mx, FF 408  
**12 TrS**  
 0648 WRQK 106.9 OH Canton, rS, Rock 107 186  
 0925 CBON12 95.1 ON North Bay, FF // CBON 98.1 mono 197  
**22 Tr**  
 0043 CJAM 91.5 ON Windsor, rpS, excellent for being 29 watts 120  
 0232 WXXE 103.9 IN Ft Wayne, rS, "Rock 104" 256  
 0355 WNEY 93.5 MI Newberry, very weak, ID, CBCL off the air. 300  
 That's all from here, no DX since April 22. Only one brief Es opening here, May 20 around 2000 ELT. More when/if it happens..Where's the skip. Jeff

ROBERT S. ROSS - BOX 1003 STN B - LONDON, ONTARIO N6J 3J6

Equipment: Marantz 2226B Receiver, FM Beam for antenna

MAY 27, 1990 E-skip

1755 KTUL 93.1 TH Tyler, East Texas Miracle Network, ad for Business in Tyler  
 1800 KERR 90.1 TH Dallas, legal ID w/Ft. Worth  
 1806 KLUU 98.7 TH Dallas, ad for Dallas Credit Union, "Oldies all the Time on K Love"  
 1st FM E-Skip of the season, 2 new stations.

MAY 27 E-skip continued

1810 KLRK 97.5 OK Durant, ads for Texas and Oklahoma. ID as K-Lake FM  
 1822 KLOE 94.5 TH Houston, Oldies 94.5, spot for USA Radio News

ERNEST COOPER - 5 ANTHONY STREET - PROVINCETOWN, MASSACHUSETTS 02567

Equipment: Realistic STA-52 with McIntosh MR78 tuner and 9 element rotary beam rooftop

DECEMBER 1989

15 ES

1615 WOKC 103.1 FL Okeechobee and WSCB 103.1 FL Naples ads and stock reports, these two n/out with one another. This seemed to be the only frequency affected.

MAY 1990 DX

10 GW

1644 WZPK 103.7 NH Berlin, r

11 ES

0230 WNNH 99.1 NH Hennicker, ro (Rock oldies) (Local WPLM is off Sun AMs)

27 ES

1843 WKFX 88.5 FL Sunrise, ads, phone numbers 858-1902+ unID 89.3 ended one classical piece gave time in CDT, introduced another classical piece no mention of call or location  
 2100 WLVF 89.1 AL Montgomery GOS  
 2135 WFTL 89.5 FL Melbourne, ment Sebastian Beach  
 2159 KDCR 88.5 IA Sioux Center, g  
 2155 KGNZ 88.1 TX Abilene, g, only 2nd Texan heard  
 My thanks to JOE FELA for alerting me to these E-skip openings!

PETER Q. GEORGE (N1GGP) - 24 COLUMBIA ST. APT 1-F - BROCKTON, MASS. 02401

(508) 584-0374. Equipment: Sony STR-VX750, modified with 180 khz filters, antenna: 1948 vintage single bay "hale" FM transmitting antenna orig nally part of a six bay horizontal polarized array at WBET-FM Brockton, Ma. (now WCAV) now retired to the roof of my home @ 60' AGL, fed with RG-8/U coax into a Channel Master model 7363 a l band TV/FM amplifier

0105 WAWZ 99.1 \$ NJ Zarepath, "Holy Rollin" religion  
 0107 WPLR 99.1 \$ CT New Haven "99 Rock"  
 0114 WNNH 99.1 \$ NH Hennicker, Oldies 99 just like WODS Boston

APRIL 26 (WBOS 92.9 and WZOU 94.5 BOTH OFF DUE TO LIGHTNING!!!!)

2127 WMVY 92.7 \$ MA Martha's Vineyard, "Solid Gold Saturday Night"

2133 WPBC 92.9 \$ ME Bangor, Bright 93, AC/Unistar  
 2137 WCHR 94.5 NJ Trenton, religion in mono  
 2138 WKSQ 94.5 \$ ME Ellsworth ad for local college  
 2144 WMAS 94.7 \$ MA Springfield, Sat. Night oldies  
 2145 WBOS and WZOU back on air RATS!

1844 WMUJ 96.5 \$ AL Birmingham, Magic 96. AC/Oldies  
 1851 WMYU 102.1 \$ TN Sevierville "Eastern Tennessee's U-102 country"

1859 WUAL 91.5 \$ AL Tuscaloosa NPR, Car-talk legal ID // WQPR 88.7

2034 WHIQ 98.5 \$ FL Orlando, Z Rock  
 2045 WPOW 98.5 \$ FL Miami, Power 96, Urban  
 2143 WRMB 89.3 \$ FL Boynton Beach, Gospel Mx 67 khz U SCA

STATION UPDATE: WACZ 93.9 Dansville, NY is on the air, in MONO with a/c days simul with AM, and Z-94 ID, and talk at night. Should be a good E-skip target, so stay tuned!

MAY 1990 continued

29 ES

1922 WJIS 88.1 FL Bradenton g  
 1932 WCTQ 92.1 FL Venice, k  
 1937 WYUL 92.5 FL Safety Harbor, U-92 Oldies  
 1951 KABF 88.3 AR Jtite Rock  
 2000 KILI 93.7 LA Shreveport, calls only, not enough for a report!

2045 WRKE 89.3 MA Baton Rouge, c  
 31 ES

1745 WJII 90.1 FL Crestview, g, screaming preache, "scared the hell out of me - I thought he was going to have a heart attack!"  
 1815 WZLW 92.1 AL Fairhope, r (Heavy Metal) 92 Zoo  
 1905 1930 WRKF 89.3 LA Baton Rouge, In again this time with All Things Considered

JUNE 1st ES

1126 WQVZ t 94.3 AL Greenville, g

**KJMO/KWOS**  
 FM 100 AM 1240

2200 KDCR 88.5 \$ IA Sioux Center legal ID, gospel mx, wx  
 APRIL 27 TRS  
 2119 WKOS 96.7 \$ NH Rochester, "K-O-S-T" a rea: pest  
 APRIL 27 TRS continued: 96.5

2119 WAQY 102.1 \$ MA Springfield, Rock 102, AOR  
 2121 WHOM 94.9 \$ NH Mt Washington, Bright and Easy at 94.9 FM, lite AC

2121 WMEA 90.1 \$ ME Portland, Piano Jazz, NPR  
 2123 WCLZ 98.9 \$ ME Brunswick, The Breeze, new age mx  
 2127 WTCI 96.5 \$ CT Hartford, (PEST) 96.7 C FM, CHR  
 2136 WHCF 88.5 \$ ME Bangor, christian mx over WFCR(MA),  
 APRIL 28 ES

1703 WAPN 91.5 \$ FL Holly Hill, "Support this ministry in our area" Christianity for each

APRIL 29 ES

1910 WNKJ 89.3 \$ KY Hopkinsville, wx, Gospel/Christian mx  
 1949 KOLL 94.9 \$ AR Pine Bluff Kool 95 FM, oldies, ads wx  
 APRIL 29 TRS  
 1128 WRTC 89.3 \$ CT Hartford, ph#297-2450, rare at only 350 watts

11 ES

1850 WITS 105.3 \$ LA Slidell-New Orleans, Traffic report, ads  
 2130 WRKF 89.3 \$ LA Baton Rouge wx legal ID, NPR

PETER GEORGE'S comments.

Not bad for just a few days DXing. This was the first opportunity to really try out my DX facility. Some really strong Es paths to the South. I am very pleased with the results after using 180 khz filters. In addition, I have modified a 1976 vintage Phloo Stereo receiver for my first car (Alas, my first Maverick, I knew it well) and have a super selective car radio now. I will be at the Manassas Convention in August. After the convention, I will be heading on to Louisville, Chicago, and Detroit and hope to get some good archecks along the way. I look forward to seeing all my DX buddies and sharing many good memones to be made 73's til next t me!!! Pete

GREG CONIGLIO - 5100 GLENWOOD DRIVE - WILLIAMSVILLE, NEW YORK 14221

Equipment: Pioneer TX-9100 tuner modified with 4 150 khz filters, Nikko NR-575 receiver/amplifier, Stereo Probe 9 at approx 25' AGL, CAC 11 coax, and Archerrotor used as well

MAY 1990 (Radio now modified)

7 TRS

2220 WQRT 98.3 NY Salamanca, k, WKSE splash  
 2282 WMZO 98.7 DC Washington, k, local ads

8 TRS

0723 WONE 97.5 OH Akron, rp\$, much wanted  
 0750(WMXD) 92.3 MI Detroit, Mx, ex. WVAE/WNTM  
 1643 WSHQ 103.5 NY Cobleskill, rm, Show FM also mentioned 98.3 FM

1825 WACZ 93.9 NY Danville, new semi local, simul // WONY AM, rm MONO days, talk nights, Z-94

1947 WBSB 104.3 MD Baltimore, r\$, B-104

1957 WMGG 99.7 OH Columbus, op\$, Magic, the above two would be impossible without the filters  
 2317 WVIN 98.3 NY Bath, r, call letters

11 ES

1443 KMZU 101.1 MO Chillicothe, "In Chillicothe 58,"

9 TRS

2254 CBCE 97.5 ON Little Current, CBC // 98.7

11 ES

1020 WFMK 99.1 MI E.Lansing, local ads

11 TRS

1945 WAYT 101.9 PA Pottsville, r\$, T 102  
 2023 WSRD 104.9 NY Johnstown, local ments

11 ES

1257 WNUA 95.5 IL Chicago, "...WNUA..." (I)

17 E-skip!

1040 KVRP 95.5 TX Haskell, k\$, jingle  
 1050 KNFM 92.3 TX Midland, k\$, calls

1054 KILC 99.7 TX Tye, rm\$, Roxette song

1100 KQLI 94.3 OK Lawton, rm\$, Q-94

1102 KRZZ 93.5 OK Altus, r\$, local ments

22 TRS (local WHTT 104.1 off air ID)

1713 WPAY 104.1 OH Portsmouth, Reds BB net

in extra innings #1000 FM STATION LOGGED

1718 CKTF 104.1 PQ Gatineau, French r\$

1722 WQAL 104.1 OH Cleveland, traffic report, calls & freq, has switched to a/c from ez listening

1723 WVGR 104.1 MI Grand Rapids, in very briefly, very weak parallel to WUOM 91.7 Ann Arbor

27 E-skip

.540-2045

KJZY 99.1 TX Denton, Jazzy, new age/jazz mx (\$)

KSJT 107.5 TX San Angelo, Spanish,

KHEN 94.3 TX Hearne

KUEZ 99.3 TX Lufkin, rm\$

KFOK 102.7 TX Merkel, top 40

KOYN 93.9 TX Paris

KOIZ 93.1 TX Amarillo, Z-93

KADA 96.7 OK Ada, Magic 96.7

KAYI 106.9 OK Muskogee, K107, top 40

KLOP 99.3 OK Ponca City

KSCS 96.3 TX Dallas-Ft. Worth, k\$

KFEF 104.9 KS Emporia, The Fox

KAMQ 94.3 AR Rogers, K-Mo 94 and K-Mo 1390

KOCA 99.7 NE Ogallala

KELN 97.1 NE North Platte

MAY 27 E-skip continued!

KKMK 93.9 SD Rapid City Magic 93.9

KCKG 94.3 SD Brookings

KEEZ 99.1 MN Mankato, Z-99, top 40

2333 KTRS 95.5 WY Casper, r\$, calls

2341 KTRZ 93.1 WY Riverton, r\$, calls, local ads

11 ES

0007 KDLY 97.5 WY Lander, rm\$, about 1450 miles

0016 WDEC 94.3 GA Americus, k\$, calls

0026 WMTQ 93.5 FL Port St. Joe, calls, r\$, this

is new to the air

0030 WRBA 95.9 FL Springfield, r\$, Bay 96

0040 WZZT 101.1 AL Elba, k\$, strong at times,

especially for 640 watts, call letters heard

0041 WAGH 98.3 AL Ft. Mitchell, s\$, Magic 98.3

First E-skip ever on this tough frequency

0043 WKMX 106.7 AL Enterprise, r\$, Max 106.7 KMX

11 ES

1555 WBNS 97.1 OH Columbus, calls o/WREO

11 ES

1905 XHUA 90.1 CH Chihuahua, L\$, Ad in Spanish for a hotel, and "Estereo Via". I will do more research to confirm this logging. Interesting article by the way by Joop Prosee about this. His theories were very interesting and made sense

1917 WQCK 92.7 LA Clinton, k\$, calls

1918 WTYX 94.7 MS Jackson, now oldies

1920 KNNI 92.9 TX Wichita Falls, r\$, over WBUF!

1926 KDDQ 96.7 OK Comanche, rm\$, off bird

1928 KKKY 94.7 TX San Angelo, r\$, Kicksie

1929 KORQ 100.7 TX Abilene, over local CHIN

1930 KMAQ 99.1 AR Fort Smith, k\$

1932 KLAJ 97.5 OK Durant, rm\$, Bonnie Raitt tune

1934 WEZB 97.1 LA New Orleans, r\$, B-97

1940 KYKS 95.9 TX Mineral Wells, k\$

1943 unID 104.7, "Y 104"

2007 KSJT 107.5 TX San Angelo, tornado warning, SS

2011 KQKL 97.5 TX San Angelo, call k\$, "Ht Big Lake"

2018 K--- 87.9 TX Dallas, now mr\$, Warm 97.9

2025 KBAU 94.3 LA Galliano, r\$, Bayou 94

2043 KELI 98.7 TX San Angelo, severe wx, Kelly, bm\$ also an unID 94.3 with Spanish

The last week of May was the best skip week I have ever seen. May 31st was great, at 7:22PM ELT I had skip on channel 9 !! (Details to Bill N.). Unfortunately due to space constraints that will have to wait till next month June 2 was also an excellent skip day, but since then things have really slowed down. Thankyou Bill Nienajady for modifying my Pioneer for me, results are excellent. Doesn't seem to be much sensitivity loss, except strangely enough, above 105.7 Mhz where a loss is obvious. But the adjacent channels are amazing. A few are still bad but most have cleared up (99.7, 104.3, 94.3, 101.9 to name a few). Does anyone out there have opinions as to the merits of FM amplifiers, whether they are worth it? Would like to hear comments about this topic.

# WESTERN TV-DX

Fred McCormack  
Box 9077  
Prairiewood Station  
Fargo, ND 58106-9077

July 1990

Deadline: 08-09-90  
Cut-off: 05-01-90

The E skip season really got going at the end of May and then, at least here in Fargo, dropped off dramatically in June. The hottest period for most reporters was May 27th and 28th when E skip continued virtually around the clock.

There are also some excellent tropo loggings reported this month. The most extraordinary, without doubt, was Pat Dyer's 1000 mile tropo logging of low band WSAV-3 on April 30th.

New \_\_\_\_\_ New Mode \_\_\_\_\_ Tent. - t Unidentified - unid S/On - + S/off =  
ID Color Bars - # Unid Color Bars - % Misc. Test Patterns - &  
\$ MTS Stereo

CH Chihuahua CU Coahuila NL Nuevo Leon SI Sinaloa TA Tamaulipas

William Draeb, Ellis St., Rt. #2, Kewaunee WI 54216

CDT

## Equipment:

7' Finco dish, B-T CMA-Ub preamp @ 93', .750 cable. Stacked Fncu high band yagis with B-T AB-3 (tube type) preamp @ 100' with RG/11 cable. Second tower, 40', with Winegard CH-2026 (lo-band) and Winegard SC713 (hi-band) yagis. Hi-band uses AB-300 preamp. Zenith 14N22 table model 23" b&w (1971) with B-T BTU 2s UHF converter (used for UHF and also the stacked hi band yagis) and Zenith 16J20 19" b&w (early 80's) (used with antennas on 40' tower). Panasonic 9" b&w portable.

## March 1990

20 gw 2145 WJJA 49 WI  
(Home Shp. Club)  
28 tr 0513 WADL 38 MI  
(Home Shp. Club)  
31 tr 1753 CBLEF23 18 OH

## April 1990

4 tr AM KY, IN, OH UHF's

## May 1990

12 gw 2245 W40AK 40 MI 115  
(Muskegon LPTV-CHA)  
14 Es 2155 KTWOT 2 NY  
KCWC 4 NY  
17 Es 1100 KTBS 3 LA 910  
unids chs 2 & 4  
unid educ ch 3  
1220 KCWC 4 NY  
KOTAT 3 SD  
1225 KTVX 4 UT  
20 Es 1930 unids chs 3,4 sw  
22 gw 1953 W40AK 40 MI 115  
( See Note # 1 )  
23 Es 1800 WCBQ 2 SC 916  
WCIV 4 SC 916  
1805 WBTVC 3 NC  
27 Es 1245 unid ch 2 sw  
KATC 3 LA 1026  
unid channel 4  
1348 KDFW 4 TX  
1351 KXAS 5 TX  
1440 KMOL 4 TX  
KENS 5 TX  
1730 unid ch 2- PBS  
1750 WTVY 4(FL)  
2220 KBTX 3 TX 1079  
KPRC 2 TX 1117  
2228 KTBS 3 LA 910

27 Es 2239 KFDX 3 TX 945  
2245 KXAS 5 TX 972  
2318 KREG 3 CO  
2328 KCWC 4 NY  
2330 KOTA 3 SD 776  
KIDK 3(WA)1214  
2332 KDUH 4 NE 787  
2333 KTWOT 2 NY  
KIVV 5 SD  
KGNL 5 NY  
2347 KRMAT 6 CO  
KGNW 5 NY  
2354 KTVX 4 UT 1264  
28 Es 0004 KSL 5 UT  
0030-0445 went to bed  
0445 KNBC 4 CA 1780  
(State # 44)  
KGNL 5 NY  
( See Note # 2 )  
0456 KTVX 4 UT 1264  
0457 KONC 4 CO 952  
0511 KCCZ 4 UT 1398  
0555 KIDK 3(WA)1214  
0859 KCWC 4 NY  
0955 CFRN 3 AB 1320  
CFCN 4 AB 1310  
KENW 3 NM  
1128 KRTV 3 MT 1157  
1129 KXLF 4 MT 1219  
1140 KTYM 6 MT 1219  
1145 KFB 5 MT 1157  
1200 KOUS 4 MT  
1445 CHAT 6 AB 1154  
1530 CFQC 3 SK  
1548 CIT 4 SK 1175  
1608 CBKFT2 3 SK  
1655 KPRC 2 TX  
KTBS 3 LA 910  
1700 KBTX 3 TX 1079

28 Es 1700 KJAC 4 TX  
1720 KJRH 2 OK  
1755 KOET 3 OK  
1804 KIII 3 TX 1295  
1829 KENW 3 NM 1103  
31 Es 1200 unid ch 2+ south  
unid ch 2- south  
1300 unid ch 3- south  
1715 WESH 2 FL  
WDLQ 2 AL  
WRBL 3 GA  
1759 WGBD 2 SC  
1801 WPBT 2 FL  
1815 WEDU 3 FL  
1822 unid channel 4-  
1826 WCSC 5 SC  
1829 KOB 4 NM 1200  
KOTN 2 TX  
KKTOT 2 NM  
1833 KAHR 4 TX  
1840 KFSM 5 AR  
KTX 5 TX  
KCENT 6 TX  
KENW 3 NM  
1926 KSWK 3 KS  
KTV 6 KS  
1932 KSNCT 2 KS  
2056 KENS 5 TX  
KMOL 4 TX  
2102 KBTX 3 TX 1079  
KPRC 2 TX 1117  
KMID 2 TX  
2200 KIII 3 TX 1285  
2213 WESH 2 FL  
  
June 1990  
1 Es 1130 KRGV 5 TX  
1200 KAHR 4 TX  
KFDX 3 TX

## Western TV-DX

### William Draeb (continued)

1 Es 1220 KDFW 4 TX  
1226 WLBT 3 MS 865  
1300 KENW 3 NM  
1330 KACV 2 TX  
1742 KPRC 2 TX 1117  
KJAC 4 TX  
1753 KTBS 3 LA 910  
KATC 3 LA 1026  
1821 XGBT 4 TX 1400  
XHRIOT 2 CH  
1829 WPBT 2 FL 1368  
1830 KACB 3 TX  
( See Note # 3 )  
1900 KIDY 6 TX  
1918 WCIX 6 FL  
WEDU 3 FL  
1926 WDLQ 2 AL  
2000 KIII 3 TX 1285  
KRIST 6 TX  
2 Es 0817 WCBQ 2 SC  
WCIV 4 SC  
1050 WFSB 3 CT 778  
("FSB-3")  
WLBT 2 ME  
2 Es 1112 WCAX 3 VT  
1135 WGBH 2 MA 830  
1143 WCBS 2 NY  
1857 WCBQ 2 SC  
WCIV 4 SC  
WFMV 2 NC  
2200 KBTX 3 TX 1079  
KPRC 2 TX 1117  
2219 KJAC 4 TX  
3 Es 1130 KJAC 4 TX  
1132 KDFW 4 TX  
1136 KXAS 5 TX  
KDTWC 2 TX  
1200 WEDU 3 FL  
WESH 2 FL  
1800 unid ch 2+ south  
WDLQ 2 AL  
WEDU 3 FL  
WPBT 2 FL  
1813 WTVY 4(FL)  
1817 WSAV 3 GA 972  
1834 KPRC 2 TX 1117  
1835 WGBI 4 MS  
1900 KBTX 3 TX 1079  
KXAS 5 TX  
3 Es 2000 KFDX 3 TX  
KENW 3 NM  
KVIO 6 NM  
KDBCE 4 TX  
2037 KMID 2 TX  
KKTOT 2 NM  
2055 KAMR 4 TX  
2103 KATC 3 LA 1026  
2113 KTBS 3 LA  
2115 WBRZ 2 LA  
2154 all gone  
4 tr 0714 WDRB 41(IN) 437  
WKPC 15(IN) 437  
5 tr 0630 W47A2 47 IN 336  
(Indianapolis VJN)  
(Snow free)  
Other IN JHF's  
snow free too.  
W68AA 68 IL 315  
(Danville WAND-17)  
0656 KDNL 30 MO 432  
Iron Mtn UHF's  
snow free.  
W54AR 54 WI  
(Fence WPNE-38)

Note # 1 - W40AK had their own ID at 1956 and an audio ID with local program promos. I saw Muskegon included with local commercials. The audio ID I heard was for Norton Shores. The W40AK signal is only in when conditions along the lake are above normal and the regular lake shore stuff is booming in. One of the local programs they were plugging when I saw them on the 22nd was "TV-BINGO".

Note # 2 - "Great Western Network" slide with program schedule and a list of the network stations. (KGWC-14 Casper, KGWL-5 Lander-Riverton, and KGWR-13 Rock Springs, WY)

Note # 3 - KACB-3: KRBC-8 ID. Also known as "BIG COUNTRY" (on ID slide).

Dave Pomeroy, 1169 Webster, Topeka KS 66604-1502

CDT

I haven't sent any reports in lately because there wasn't anything to report until last week. Since then I've had some fair tropo and skip.

## May 1990

23 tr 0630 KWHS 47 OK 210  
KOKI 23 OK 210  
KDOR 17 OK 175  
KHOG 29 AR 225  
KPOM 24 AR 245  
KWKT 44 TX 540  
K39BR 39 KS 65  
(Junction City LPTV)  
K59DA 59 KS 130  
(Wichita LPTV-TBN)  
KHBS 40 AR 280  
KTBO 14 OK 260  
KOKH 25 OK 260  
KGMC 34 OK 260  
23 tr 0630 KAUT 34 OK 260  
KXXV 25 TX 540  
WHOA 32 AL 690  
0730 WHLI 22 MS 640  
0800 KXTX 39 TX 450  
KFAA 51 AR 215  
24 tr 0800 KFWD 52 TX 445  
KETX 56 TX 485  
KDTX 58 TX 450  
KXXV 25 TX 540  
KWKT 44 TX 540  
KXTX 39 TX 450  
0030 KTVI 11 TX 450  
0530 KTEJ 19 AR 345  
unid ch 52 TBN  
24 tr 0530 K30AL 30 KS 85  
(Toia w/KOED-11)  
(Normal KTWU-11)  
KOET 3 OK 265  
unid ch 9 NBC se  
0600 KHBS 40 AR 280  
27 Es 2200 WSAV 3 GA 940  
WCBQ 2 SC 985  
28 Es 0630 CFQC 3 SK 1070  
0700 CFRN 3 AB 1290  
1200 CKCK 2 SK 895  
1300 CKBI 5 SK 1100  
1430 CBKFT2 3 SK  
29 Es 2230 KVBC 3 NV 1075  
30 Es 2100 WSAV 3 GA 940  
WCBQ 2 SC 985  
31 Es 2200 WSAV 3 GA 940

The only other new station not reported is K58CX in Lawrence, Kansas about 25 miles east. It is a translator for KTKA 49 and can be seen with a fair to poor signal at all times. K39BR is quite weak and not always present. K15BQ in Topeka is LPTV with some local programming. They provide a mixture of religion and entertainment. They have had a lot of technical problems and really block channels 14 and 15. KTBO-14 is the first channel I've seen while K15BQ was on.

Hope my next report will come sooner than this one.

Randy Miltier, 1068 Fairview Avenue, San Jose CA 95125 (KK680)

PDT

Equipment:

1989 Zenith 27", Zenith VCR, Channel Master Quantum 1160A VHF/UHF antenna @ 50 ft, Alliance rotor.

For anyone interested, the above ham call sign is new since last year...rather distinctive don't ya think?

This May is a little slow compared to last year. The only good opening was on the 25th many from the southwest. A, Toba and myself are planning a DXpedition to Mt. Ashland in Oregon at the end of June. This should be a fun event. We'll have TV, AM, FM and ham HF gear.

I have two KIDY-6 bumper stickers and about 15 KLEW 3 decals if anyone is interested. Does anyone have any memorabilia from any TV stations west of the Mississippi?

Everyone is doing a great job on the VUD. I appreciate everyone's efforts in making the VUD a great publication.

This report is through May 27th as I will be in Oregon May 28th through June 4th.

May 1990	19 Es 0800 CCI on chs 2 & 3	25 Es 1200 KACV 2 TX 1125
4 Es 0850 unid channel 4	21 Es 0910 unid 2 Spanish	1201 KAMR 4 TX 1125
1032 unid channel 3	1728 CCI on channel 3	1205 KFDX 9 TX 1331
1040 unid channel 2	23 Es 0945 unid ch 3 ABC	1233 KAUZ 6 TX 1331
6 Es 0923 unid channel 2	0948 unid channel 4	1239 KENW 3 NM 1060
17 tr 0957 KSBY 5 CA 185	0959 KTVQ 2 MT 940	1301 KMD 2 TX 1170
1000 KEYT 3 CA 230	1235 unid channel 3	1400 KTWQ 2 WY 905
18 Es 0830 CCI on channel 2	25 Es 1115 KENW 3 NM 1060	1401 KOTA 3 SD 1082

Pat Dyer, 5315 Silvertip Drive, San Antonio TX 78228-2744

CST

Equipment:

1987 RCA model EMR 350E 13" color, Archer v 100 and 8 bay bow tie UHF array at 20 feet with rotor.

March 1990	29 tr 0136 WFTS 28 FL 990	30 tr 0257 WINK 11 FL 1035
21 tr 2200 KPLC 7 LA 335	0145 WBRZ 2 LA 440	0258 KLFY 10 LA 370
22 tr 0031 WAFB 9 LA 440	0347 WBNT 12 TX 280	0304 WFTS 28 FL 990
0500 KTVF 10 AR 445	0402 KLTU 7 TX 290	0307 WTXL 27 FL 860
0504 KNOE 8 LA 425	0530 KMSS 33 LA 350	0323 WSAV 3 GA 1035
	2120 KPLC 7 LA 335	0332 WTLH 49 GA 850
April 1990	2128 KARD 14 LA 415	0338 KTRE 9 TX 260
11 F2 1335-1525 unids ch 2	2129 WAPT 16 MS 525	0340 KLTU 7 TX 290
19 tr 0258 KLFY 10 LA 370	2159 WLAE 32 LA 515	0346 KATC 3 LA 370
25 Es 0825 KCBS 2 CA 1190	30 tr 0046 WVUE 8 LA 515	0353 WQNC 26 LA 515
27 Es 1828 WMAB 2 MS 615	0100 WFXL 31 GA 880	0355 WACS 25 GA 845
28 tr 0115 KLFY 10 LA 370	0157 WDBS 17 AL 710	0358 WJHG 7 FL 785
2239 KPLC 7 LA 335	0202 WBRZ 2 LA 440	0429 WAWA 30 FL 1015
29 tr 0008 KLFY 10 LA 370	0217 WIGS 28 SC 1035	0455 WAPT 16 MS 525
0029 WNOX 38 LA 515	0233 KADN 15 LA 380	0458 WHOA 32 AL 750
0100 WTHV 32 FL 1010	0234 WFLA 8 FL 990	0459 WTHC 40 FL 855
0115 WQNC 26 LA 515	0250 WJWS 17 FL 1015	0500 WAFB 9 LA 440
0119 WFLA 33 LA 435	0257 WTLV 12 FL 1015	0529 WNDL 38 LA 515

The unid F2 on April 11th lasted a long time, but never sufficiently overrode the local LPTV K02MX color bars and audio tone. For whatever reason, that \$32 item went off the air again on April 23rd!

K7RWT of Oregon has just "loaned" me a Realistic Portavision-100 (4") TV set that his sister-in-law had obtained for him during an Australian visit in the spring of 1989. So far my attempts at viewing the New Zealand 45 MHz video have encountered the same problems that he did - the local 43.22/43.58 MHz pagers ripping it up! Any simple trap designs around? I hope to be able to try it out on the 48.25 MHz European videos next fall.

The trans-Gulf tropo of late April finally showed. My largest "shock" was getting WSAV-3 that way!

I'm still using my J.C. Penney 1980 model with the transplanted 1975 tuner which always left a lot to be desired on UHF.

(Congratulations on your very fine tropo loggings. fm)

John Ebeling, 6843 County Road 47, Alborn MN 55702 (218-345-6718)

COT

DX from cabin at Alborn (Prosit), Minnesota

Equipment:

General Electric EC chassis about 1980 - electronic tuning (no fine tuning). Antennas in the attic - one pointed south towards Minneapolis/St. Paul and the other aimed southeast towards Duuth - select on v a knife switch. Neither antenna is a DX type.

May 1990	27 Es 1400 WESH 2 FL 1386	29 Es 1000 KDBC 4 TX 1279
13 Es 1100 KKTO 2 NM 1054	WDIQ 2 AL 1116	1530 KREM 2 WA 1152
15 Es 1500 KUTV 2 UT 1065	( See Note # 1 )	1532 KXLY 4 WA 1141
1930 unid chs 2-5	28 Es 0148 KBTX 3 TX 1150	1800 WTVY 4 AL 1188
( Gone by 2000 )	0900 KKTO 2 NM 1054	1846 WKRG 5 AL 1154
25 Es 1930-2010 unid ch2 ABC	(Until 0955)	
unid ch 2 NBC	1000 KNAZ 2 AZ 1282	June 1990
26 Es 2330 2400 unids 2-4	1500 KFBB 5 MT 875	1 Es 1400 KTVX 4 UT 1066
27 Es 0128 KREM 2 WA 1152	1540 CFCN 4 AB 1012	1800 KPRC 2 TX 1213
( Very erratic )	1700 WDIQ 2 AL 1116	1801 WBRZ 2 LA 1155
1100 KOTN 2 TX 1021	2337 KBCI 2 ID 1156	WDIQ 2 AL 1116
1200 WMAB 2 MS 955	29 Es 1000 KNAZ 2 AZ 1282	1805 WWL 4 LA 1188

Note # 1 May 27th @ 1400 - Good E skip - had to leave house for eleven hours. Still E skip upon return, so probably missed a great opening!!

The May 28th and 29th dates provided much FM E skip from the west, southwest and also Canada. I am sure I missed an excellent opening on May 27th as the people where we were said their TV was all messed up, especially KDLH 3.

Mike Cherry, Box 631, Ganges BC V0S-1E0

(604) 537-5201

PDT

Equipment:

Kenwood RZ 1 receiver, channel 6 crystal trap. Hitachi 5" black & white monitor, Sony Beta Hi Fi MTS VCR. Antennas: VHF - Lindsay CC-30 22 element log periodic with Lindsay VX 25 0-25 dB adjustable mast-mount preamplifier @ 38 feet with "ARM-strong" rotor. UHF - Radio Shack 4 bay with 15-1108 adjustable mast-mount preamplifier @ 57 feet asl/agl.

April 1990	17 tr 2200 KTVZ 21 OR 350	24 Es 0843 fade-in
11 au CCI on 2 and 3	2203 unid channel 3	0848 KMTV 3 NE 1440
all evening.	(PTA: north OR)	0900 KIMT 3 IA 1520
22 tr 0546 KXLY 4 WA 315	18 Es 0847 fade-in	0921 KTVY 3 MO 1740
0549 KREM 2 WA 315	0900 \$KOTA 3 SD 1030	( See Note # 3 )
ms 0811 ch 2 17 seconds	0928 \$KTVQ 2 MT 750	MUF drops until
0515-0615 many pings	(Over CBUT)	1055
23 ms 0630 KBCI 2 ID 510	0929 KXLF 4 MT 565	1058 CFQC1 3 SK 700
( 12 secs - ad )	(Over KOMO)	1100 CBKT1 4 SK 805
	1000 KNOP 2 NE 1240	1102 fade-out
May 1990	1030 KWGN 2 CO 1110	(MUF: 76 MHz)
3 tr 2218 K36BC 36 WA 70	1032 KCNC 4 CO 1110	tr 2248 KNDO 23 WA 225
(Deming KOMO- 4)	1100 \$KTWO 2 WY 940	(Over CHAN6)
(Snow free)	KLNE 3 NE 1325	2252 KIMA 29 WA 225
2224 KCKA 15 WA 185	unid ch 3z 100*	28 Es 1112 fade-in
(Snow free)	( See Note # 2 )	1130 KOB 4 NM 1290
5 ms 2243 unid ch 3 - 7sec	1130 KOTA 3 SD 1030	1130+ Albuquerque FM's
2315 unid ch 4 9sec	1200 KNAZ 2 AZ 1145	1140 KENW 3 NM 1480
many pings - eve	1230 KTVS 3 CO 1165	1200 XEPNT 3 CU
11 ms 0308 CFCN 4 AB	1238 fade-out	1230 CBWFT 3 MB 1180
( See Note # 1 )	(MUF: 74 MHz)	1231 XEPN 3 CU 1860
17 Es 1114 heavy CCI 2 & 3	21 tr 0306 KREM 2 WA 315	(MUF: 96.1 MHz)
tr 2200 KNMT 24 OR 235	0308 KXLY 4 WA 315	1248 fade-out
KUTF 32 OR 275	0612 KLEW 3 ID 355	

Note # 1 - Lots of meteor scatter during Lyrids in April and Aquarids May 5-7. I phoned CFJC-4 Kamloops, British Columbia, but this wasn't them. The phone kept ringing busy at CFCN-4 Calgary, but antenna bearing was aimed at them plus they are 24 hour operation. Picture full colour!!!! (19 seconds)

## Mike Cherry (continued)

Note # 2 - CBS logo appeared with "Great Western Network" graphic underneath. Stereo noted - faded out as fast as it showed. Also, I think my unid CBS channel 2 from last summer was KTWO.

Note # 3 - Missouri is state number fifteen - not bad for a dude into TV-DX for only a year. In 15 years of FM DX'ing, I've only heard Missouri once. At 1740 miles, I think this might be double hop E skip. Signal was great for a minute or two - enough to catch a local ad!

Tropo Scatter Summary: Enhancement 200+ miles: April 4, 7, 17, 19, 26, May 1, 3, and 22 plus above loggings. Local enhancement: April 18, May 1, 3, 12, and 23.

Finally got the Lindsay VHF up and running on a ten foot mast mounted on my sun deck railing. This monster definitely requires strong arms to turn it! The Lindsay mast-mount amplifier is similar to Radio Shack's but has much, much better weather protection. I've had trouble with the 15-1108's getting water in them, even with lots of Coax-seal applied. The extra 5 dB on the amplifier is appreciated, especially for tropo.

No F2 noted - the solar flux has rarely hit 200+ and when it has, conditions have usually been disturbed (auroral noted April 10, 11, 18 and 23). E skip finally showed up. The opening on May 18th produced CATV-grade signals.

(Mike, both William Draeb and myself have seen the "Great Western Network" logo on KGWL-5. The ID slide seen also listed KGWR-13 and KGWC-14. I don't know it for a fact, but I suspect co-owned KGWN-5 uses the "Great Western Network" designator. If that is true, your logging was KTVS-3, their Sterling, Colorado satellite. fm)

John Jefferson, 4104 Spyglass Ct., Antioch CA 94509

PDT

## Equipment:

JVC AH-7200U VCR as tuner (with Hitachi CT-932 as monitor) fed by a Channel Master UHF Quantum 4257 @ 35' and a Channel Master VHF/FM Quantum 1110 @ 32' on the same mast. Separate downleads with a Channel Master booster on the UHF. Bohse black and white fed by a Radio Shack V185 in the garage @ 7' and aimed east southeast.

Omigosh, I have a logging on the VHF highband. First since 1981! It's nothing exceptional otherwise - a new semilocal - but beggars can't be choosers. Anyway, here's what's happening as the skip season revs up.

May 1990	28 Es 0933	KMID	2 TX	1175	2 Es 2128	=KACV	2 TX	1115	3 gw 0043	KFWL	8 CA	150
	1300	KLBY	4 KS	1125	2231	KMID	2 TX	1175		(KRCR satellite)		
	1330	KNOP	2 ME	1110	3 Es 0000	unid ch 4	KF??		2205	=KACV	2 TX	1115
	1800	XHIT	4 CH	1135		(Faint!)			2230	KAMR	4 TX	
June 1990	2 Es 1130	KNOP	2 ME	1110	gw 0040	K54CY	54 CA	85	5 Es 1011	KXMA	2 ND	
					(Lakeport)	KOVR-13				("Noon on 12")		

Here's the MUF breakdown from the first observed skip date:

DATE	MUF	TIME	DATE	MUF	TIME	DATE	MUF	TIME	DATE	MUF	TIME
05/05	4	1938	05/13	---		05/21	3	0825	05/29	94.7	2151
05/06	3	1051	05/14	---		05/22	---		05/30	4	1504
05/07	---		05/15	---		05/23	---		05/31	---	
05/08	---		05/16	4	1213	05/24	---		06/01	5	1842
05/09	---		05/17	---		05/25	---		06/02	106.7	2056
05/10	---		05/18	---		06/03	104.9	2016	06/04	---	
05/11	---		05/19	2	0819	05/27	2	1038	06/05	5	2142
05/12	---		05/20	---		05/28	107.7	1015			

Definitely a slow start, but all's forgiven after May 26th. This was a major-league event, reaching 107.7+ into Iowa and Kansas and producing FM from Green Bay, Wisconsin at one point! Strangely, South Dakota and Minnesota FM were heard three minutes after KMID was ID'ed, but no Texas FM until six hours later.

I'm puzzled about the KOVR-13 translator on channel 54. It seemed to come from Mt. Konocti, home of the known Lakeport translators. But K52AJ, Lakeport, was also carrying

## John Jefferson (continued)

KOVR (Not KHSI-12). What gives? By the way, K64AZ, Lakeport, the former KOVR translator, was not seen even though KFTL-64 was off. I assume it is now deleted due to interference from or with KFTL.

KFWU-8 is now on, broadcasting from Cahto Peak with a KRCR-7 relay. Have no idea what their offset is, as KSBW-8 and KOLQ-9 Nevada have always made the channel look like 2 on a heavy skip day when the antenna is aimed at KFWU. With three approximately equal signals, now it's really a mess.

Incidentally, KFTL-64 now carries some home shopping program when it isn't saving souls. Don't know why they were off June 3rd - they're almost always on these days.

William Eckberg, 1032 Sterling Road, Dixon IL 61021

CDT

## Equipment:

1966 Zenith b&w tube receiver ch 14N22, modified Zenith 175-1962 detent tuner. Channel Master 1110 VHF antenna. Channel Master 7 foot UHF parabolic antenna with Winegard PA4975 preamplifier on a 40' tower.

April 1990	16 ms 0510	KPRC	2 TX	893	27 Es 1603	KKTO	2 NM	972	28 Es 1400	KFBB	5 MT	1112
	27 tr 2230	W30AL	30 IL	43	1620	WBRZ	2 LA	784		KRTV	3 MT	1112
	(Plano)	LPTV			1730	WFSB	3 CT	842	1420	CFAC	2 AB	1293
	28 tr 2320	WJJA	49 WI	107		WGBH	2 MA	918	1500	CFRN	3 AB	1337
					1735	WCBS	2 NY	792	1730	KBCI	2 ID	1329
					1740	WLBZ	2 ME	1030	1800	KMID	2 TX	967
May 1990	15 Es 2135	KMID	2 TX	967	2200	CKND2	2 MB	752	29 Es 0505	KMID	2 TX	967
	20 Es 1750	WBRZ	2 LA	784	2303	KXGN	5 MT	816	1000	KENW	3 NM	912
	1755	WWL	4 LA	813	2305	KFYR	5 ND	644	1215	KTWO	2 WY	849
	2055	KPRC	2 TX	893	2310	KTVQ	2 MT	968	1300	KSL	5 UT	1139
	2112	KIII	3 TX	1072	2312	KFBB	5 MT	1112		KIDK	3 ID	1123
	25 Es 1900	WPBT	2 FL	1229	2330	KXLF	4 MT	1151	1303	KUTV	2 UT	1139
		KACB	3 TX	933	2335	KRTV	3 MT	1112	1800	WBRZ	2 LA	784
		WEDU	3 FL	1031	28 Es 0040	KIDK	3 ID	1123	2100	KRIS	6 TX	1072
	2000	WEDU	3 FL	1031	0050	KOUS	4 MT	925	2120	WPBT	2 FL	1229
	27 Es 1210	KATC	3 LA	809	0120	KBTX	3 TX	856	30 Es 0858	WPBT	2 FL	1229
	1230	WPBT	2 FL	1229	0140	KTVX	4 UT	1139	2100	WBRZ	2 LA	784
	1300	WEDU	3 FL	1031	0146	KUTV	2 UT	1139	31 Es 1025	WESH	2 FL	983
	1305	WPTV	5 FL	1166	0205	KTWO	2 WY	849	1030	WPBT	2 FL	1229
	1335	WKRQ	5 AL	752	0208	KOB	4 NM	1026	1400	KMID	2 TX	967
	1340	KPRC	2 TX	893	0211	KLEW	3 ID	1360	1535	KNAZ	2 AZ	1258
	1408	KRGV	5 TX	1189	0215	KXLY	4 WA	1386	2200	KACV	2 TX	803
	1430	KGBT	4 TX	1183	0225	KREM	2 WA	1386	2210	KIII	3 TX	1072

The late April logging of channel 30 in Plano is mysterious. I first saw them snow free at 2230. They were on all night and till past 0500 the next morning. I haven't seen them since. On their slide was W30AL - Plano and WFXV Broadcasting. They gave a number to call. At past midnight, I got a recording instructing me to call an Aurora FM station. I did not pursue it any further. I took two pictures and hope I never see them again.

During the last week of May it was rare when E skip was not in. There were only two days I could devote a lot of time to DX'ing. There was a rare all night opening. I had not seen KXLY-4 Spokane and KLEW-3 Lewiston in thirty years. The Spokane stations were in for two hours.

Marvin Shultz, RR #1, Toulon IL 61483

CDT

May 1990	27 Es 1359	unid	ch 2	Mexico	27 Es 2132	WSTM	3 NY	715	28 Es 1300	CK9Q	2 SK	1055
	1400	KPRC	2 TX	855	2200	unid	ch 4	Canada		CFQC1	3 SK	1145
		KIII	3 TX	1025	2217	CKND2	2 MB	800	1400	KBCI	5 SK	1110
	1408	KRGV	5 TX	1125	2218	CBWFT	3 MB	705		KFBB	5 MT	1140
	1410	KGBT	4 TX	1125	2230	KRTV	3 MT	1140	1427	CBXT	5 AB	1380
	1500	WLBZ	3 ME	615	28 Es 0730	unid	channel 2		1500	KTWO	2 WY	850
	1557	WBRZ	2 LA	750	tr 0739	W65BT	65 WI	165	1639	unid	ch 5	CBS
	1600	WDIQ	2 AL	685	(Milwaukee)	WCIU-26			1643	KXLF	4 MT	
	1621	WBTY	3 NC	615	0816	W46AR	46 WI	165	1730	KBCI	2 ID	1345
	1628	unid	ch 3	French	(Milwaukee)	LPTV				unid	ch 2	Mexico
	2124	unid	ch 3	French	Es 1129	CKCK	2 SK	950	2159	KMID	2 TX	925
	2125	WLBZ	2 ME	1095	1130	CFRN	3 AB	1375	2213	KENW	3 NM	915
						CFQC1	3 SK	1145	2220	KBCI	2 ID	1345

Marvin Shultz (continued)

<u>Marvin Shults (continued)</u>	29 Es	1251	unid ch 2 Mexico	31 Es	2200	unid ch 2 PBS
		1306	KTVQ 2 MT 985			
28 Es	2223	KACB 3 TX 880	31 Es	1818	KTVQ 2 MT 985	june 1990
	2237	XEPM 2 CH 1125		2041	KMID 2 TX 925	1 Es 1956 KENW 3 NM 915
	2238	KDBC 4 TX 1120		2045	KENS 5 TX 945	1958 WPBT 2 FL 1180
29 Es	0958	KENW 3 NM 915		2100	KXAS 5 TX 706	KMID 2 TX 925
	1000	XHIT 4 CH 1255		2121	KENW 3 NM 915	2000 WESH 2 FL 965
	1159	KNAZ 2 AZ			unid ch 4 TX NBC	2030 unid ch 5 Cuba t
	1251	KUTV 2 UT 1160		2130	KNME 5 NM 985	2 Es 1958 KPCC 2 TX 855

Ed Frye, 22618 Cardiff Drive, Santa Clarita CA 91350-3017

PDT

Equipment: See May 1990 Western TV-DX

May 1990

28 Es	1315	CCI ch 2 ne	28 Es	1500	( See Note # 2 )	28 Es	1500	XEPM 2 CH 120
	1340	CCI ch 4 ne		1515	CCI ch 2 ne			(Over loc. KCBS)
	1420	CCI ch 2 strong			(Over loc. KCBS)	1610		Thunderstorm
	1440	KACB 3 TX 1090		1520	unid ch 3 ne			activity begins;
	1445	unid channel 2		1525	KACB 3 TX 1090			ch 2-4 distorted
		(Audio o/KCBS)		1530	KOTA 3 SD 1040		1645	unid ch 3 ne
		KACB until 1500		1540	XHQ 3 SI 945		1700	unid ch 3 NBC
	1450	unid ch 3 se		1555	KENW 3 NM			XHQ-3 until 1800
	1500	KOTA 3 SD 1040		1600	MUF to channel 4		1830	MUF down to ch 2
		( See Note # 1 )			(very heavy CCI)			CCI until 1930

Note # 1 - XOTA-3 station break mentions translators K06?? and K12AJ.

Note # 2 - KACB-3 returns with solid color (note, KOTA-3 audio is over KACB-3 picture!)

On Memorial Day, May 28th, a spring storm off the Pacific coast unexpectedly swung southward, bringing with it a record 1.17 inches of rainfall to southern California. The lingering low-pressure center also accounted for an E skip opening that lasted over six hours, making this Memorial Day the fourth in a row that I've begun the "season" by logging long-distance skip on the low band channels. At its peak, the MUF reached channel 4 (even briefly affecting channel 5) and totally destroyed locals KCBS-2 and KNBC-4. Into its sixth hour, the MJF settled on channel 2, still rendering KCBS-2 fairly unreachable yet not yielding any skip to vacant channel 3.

Jeff Kruszka, 5855 Walnut Creek Rd. Apt. A-105, River Ridge LA 70123

CDT

**Equipment:**

Sylvania 12" black and white, quad loops cut for channels 2-6, Radio Shack U-75 corner yaal.

May 1990

19 Es 1845	unid ch 2 Mexico	27 Es 1139	<del>WMAQT</del> <del>5 IL</del>	29 Es 1808	KDLH 3 MN 1167
20 Es 1403	unids 2-5 Mexico	1200	<del>WFFVT</del> <del>5 WI</del>	1910	2 unids on ch 5
21 tr 0550	KBMT 12 TX 221		(Dual ID 5 & 3)	2105	<del>KDL FT</del> <del>5 SD</del>
	<del>OKPLC</del> 7 LA 170	1345	<del>MTVH</del> <del>5 NY 1186</del>	30 Es 2227	KGAN 2 IA 857
	KHOU 11 TX 319	1600	<del>KDLH</del> <del>3 MN 1187</del>	31 Es 0607	unid channel 2
22 Es 1927	unid ch 2 Mexico	28 Es 0231	=KTVS <del>3 CO 1028</del>	1701	unid ch 2 PBS
25 Es 1700	<del>KKTQ</del> <del>2 MN 1028</del>	0246	<del>KWGN</del> <del>2 CO 1084</del>		(Busy on FM)
	KUSD 2 SD 996	0305	(Still hovering at ch 2-to bed)		
26 Es 1804	unid ch 3 Mexico			June 1990	
27 Es 1057	<del>KSNK</del> <del>3 KS</del>	1017	unid channel 2	1 Es 2129	unids chs 2,3,5
	KGAN 2 IA 857	1711	unid channel 2	2256	KGAN 2 IA 857
	KTVQ 3 MO 717	29 Es 1800	WGRZ 2 NY 1090	2324	KMTVT <del>3 NE</del>

Wow! The last week has really been incredible for E skip - one of the best Mays ever. No E skip as yet today (5/2), but would be a personal record ninth straight day. The signals have been overwhelming most days with nothing in steady for more than a few seconds at a time (I spent a lot of time on FM). Also had E skip coming at bizarre times, such as the late night operation on the 28th and at 0600 on the 31st. The one on the 28th behaved strangely too - fading in and out - more like auroral than E skip.

Local TV news - WCCL-49 went dark on the morning of May 23rd - trouble with creditors

Frank Merrill, P.O. Box 669, Macomb IL 61455

CDT

### Equipment

ICOM R-7000 VHF-UHF communications receiver and Zenith L1310C9 13 inch; old winegard VHF-UHF antenna (8100?) up 40 feet and old Finco? lowband vertically mounted at 15 feet; Winegard oreampifiers.

APR 17 1990

28 Es 0030	KNAZ 2 AZ	5 tr 0102	KWCM 10 MN 390	8 Es 1701	WKTV 2 NY
tr 2141	WUAB 43 OH	0216	<u>K31BW</u> 31 KS	tr 1720	WLS 7 IL 181
	(CCI only )		(Manhattan LPTV-TBN)		( Burying KHQA )
29 tr 0320	unid ch 13 CCI	0218	<u>W34--</u> 34 ?? TBN		WCMD 14 MI 385
	( WVTM or WLOS )		( See Note # 2 )		WMTV 9 MI 405

May 1990

3 Es 2237	unid ch 2 PBS	WDBB 17 AL 540	1729	WGKI 33 MI	405
13 tr 2330	KARD 14 LA 570	WTT0 21 AL 530	1928	some Toledo and	
2358	WDBD 40 MS 560	WBNG 42 AL 530		Detroit U's	400
	WAFX 48 AL 455	0250 KGMC 34 OK 510	1935	WSBT 22 IN 250	
14 tr 0305	KHSX 49 TX 645	KAUT 43 OK 510		(Over loc. WMEC)	
	KRRt 35 TX	0319 WJTC 44 FL 720	2215	WASAPt 48 OH	
	(See Notes #1,3)	1200 WDCN 8 TN 380		(See Notes #3,6)	
0325	WDEF 12 TN 510	( See Note # 3 )	2243	WGBK 2 MI 410	
0335	WFAA 8 TX 645	1424 unid ch 40z		( See Note # 3 )	
	(Test ID slide)	( See Note # 4 )	9 tr 0035	WQHS 61 OH 480	
0344	@KDFI 27 TX 645	1500 WAAV 31 AL 455	0310	CKCO1 42 ON 430	
0405	@KLMG 51 TX 830	WAFX 48 AL 455		CBLN4 45 ON 510	
	@KATV 7 AR 410	WZDX 54 AL 455		CIII29 29 ON 430	
	@KOTV 6 OK 410	Es 1754 KNAZ 2 AZ 1250		Detroit U's	410
0429	@KTHV 11 AR 410	B Es 1200 WCB0 2 SC	0333	CKCO 13 ON 570	
	@KDTX 58 TX 645	1500 CKCK 2 SK		CITY2 31 ON 560	
0445	@KJRH 2 OK 410	CITL 4 AB		WAGP 49 MI 420	
18- June 2	Out of town -	( See Note # 5 )		WEYI 25 MI 240	
	missed the Memorial	1530 CJFB 5 SK	0400	W47AZ 47 IN 420	
	Day Es feeding frenzy.	1600 CBCP1 3 SK		(Indianapolis VJN)	
		tr 2040 WQHS 61 OH 480	0431	CHCH 11 ON 585	
June 1990		WUPW 36 OH 390	0500	WADLT 38 MI	
3 Es 1900	WESH 2 FL	Ft Wayne U's 310		( See Note # 7 )	
	WEDU 3 FL	(Strong)	10 Es 1400	KTWO 2 WY	
2000	KHME 5 NM	2234 WTOL 11 OH 390	1430	KIDK 3 ID	
2030	KENW 3 NM	7 tr 0353 WJJA 49 WI 205	11 Es 0315	KNAZ 2 AZ	
2054	KMTD 2 TX	Es 1159 WPBT 2 FL			

Note # 1 - 05/14 @ 0305 - Tone test audio noted on channel 35+. Video never surfaced, but somebody down there obviously tests all night. Matches KRRT's allocation, but I cannot count it.

Note # 2 - 06/05 @ 0218 - I suspect this is relatively close, because it is there even on "dead" days. No hourly ID's, so is an LPTV. Most likely, I suspect, Champaign, Decatur or Danville.

Note # 3 - 05/14, 06/05/, and 06/08 - These were loggable only on the ICOM R-7000, because there were actually stronger co-channel stations. I could get these stations only via AUDIO. The ICOM allows one to hear separate audio on each of three offsets!

Note # 4 - 0615 @ 1424 - A big mystery! Heavy bars on WHMB-IN, so zero offset. Briefly faded up with The Jetsons'. I started calling stations to ask did you just carry The Jetsons?" WAXA-SC told me they've been OFF THE AIR since August 1989. WWPB-FL (may as well be though) said not them. WJSU-AL (not the proper offset, but tried because direction was almost exact) said not them. KDUB-IA (off the back) is improper offset. Is Holly Springs, Mississippi (40Z) now on Tennessee translator?

Note # 5 - 08/06 @ 1600 - Does this solve anybody's mystery? Before they ran their own ID slide, I clearly saw a "2/7" logo so apparently they are at least a part time satellite of CFAC-2.

Note # 8 - 06/08 @ 2215 - I suspect this Toledo LPTV, because their audio was coming in at 87.5.231, roughly equivalent to channel 48-- (double minus offset). "Regular" TV stations aren't this radically off frequency. Sci fi movie.

Note # 7 - 06/09 @ 0500 - "Home Shopping Spree" with channel 38+ audio, but occasionally overriding WCFC. Unfortunately underneath at ID time and audio ID (on ICOM) was a generic "TV-38". I'm sure I'll log this someday if it doesn't go dark.

**Frank Merrill (continued)** Has anybody noticed the recent proliferation of "Home Shopping Spree"? I've seen it suddenly appear on WQAD-8 Illinois (replacing all night 3/4 color bars) and WIBW 13 Kansas and I know I've seen it on others. Offhand, I can't remember if this is the shopping service that WCIJ-26 (and W33AR, W65BS, and W69BT) now carry overnight, but I think so.

Dave Pomeroy recently wrote me (in reply to my query about him not attending last year's National Radio Club convention in Topeka) and listed a bunch of unknown Kansas transmitters. I seem to have lost his letter. It seemed to support Fred's contention that I couldn't have seen Salina channel 44 last September, so I have changed my logging (09/19 @ 0407) to K44BQ (Ardmore, Oklahoma TBN) 580 miles. Salina was indeed off the air long before my logging. I believe Dave said it moved to channel 15. WTJR 16 spurs (faulty transmitter) will make that one difficult here!

The same trip that cost me the Memorial Day feeding frenzy got me up to Bill Draeb's QTH in Kewaunee, Wisconsin. He DX'es on an old black and white set and uses a UHF converter box, something that I've rarely seen in operation. His antenna system must have the world's longevity record as the original tower/antennas from (I think he said) 1962 are still up and working perfectly! The reason for his stunning easterly (see to n) eggings became obvious - the attitude drops about 150 feet from his place to the lake about a mile east. 7 tea trees y'all.

(Frank, I don't know it to be operational, but TBN has had a permit for W34AY at Champaign since November 30, 1988. fm)

Doug Allen, P.O. Box 5646, Woodland Park CO 80866 (W2CRS)

MDT

DX from my gift shop in Divide, four miles west of my home in Woodland Park at 9100 feet.

#### Equipment:

1981 13" black and white Magnavox, GS-1000 30 element yagi at 20 feet with rotor.

#### May 1990

20 Es 1600	WDIQ 2 AL	1020	XET 2 6 NL	28 Es 1430-50	unids chs 2, 3
	WEDU 3 FL		(Heavy XET-94.1)		(// Mexicans)
1629	WRBL 3 GA 1225	1030	unid channel 4	1500	CHIC 3 ??
1635	WSB 2 GA 1200	1230	XHRIQ 2 TA 1005		[ French ID ?? ]
27 Es 1030	WKYC 3 OH 1240	1308	CKND2 2 MB 815	1502	CFRN 3 AB 1065
	WDIQ 2 AL 1165	1330	CKDSt 3 ??	1503	CKBI 5 SK 970
1031	WSB 2 GA 1200	1400	KCRA 3 CA 885	1538	unid ch 3 CTV
1059	unid ch 3 ABC	1402	KCBSt 2 CA	1545	unid ch 2 SK PSA

Almost non-stop E skip last few days of month. Spent most of time on FM. MUF up to 146 MHz at times. Still haven't gotten my seven foot parabolic back up. with my success on FM tropo DX, I'm hoping for some good UHF TV DX when I get it back up. 73, Doug

Fred McCormack, 135 Prairiewood Drive, Fargo ND 58103

CDT

#### Equipment:

VHF: Broadmoor 9" black & white, Winegard GS-4053; UHF: Rembrandt VA133 tuner, Winegard CH 9095, Blonder-Tongue CMA-Uc preamplifier; Allilance rotor.

#### May 1990

15 Es 0850	WEAR 3(AL)1225	22 Es 1022	WLBT 3 MS 1070	25 Es 1630	WHAB 2 MS 1015
0859	WDIQ 2 AL 1195	1127	WBRZ 2 LA 1185	27 Es	(MUF 99.1 @ 1645 GA)
0939	unid channel 5	23 Es 1029	XEPmt 2 CH		(MUF 107.7 @ 1727 TN)
1026	WLBT 3 MS 1070		(MUF 90.7 @ 1054 NM)	1800	WRAL 5 NC 1215
1157	WLBT 3 MS 1070	1056	XET 2 6 CH		(MUF 99.1 @ 1802 NC)
1300	WDIQ 2 AL 1195	1102	unid ch 5 PBS	1926	KATU 2 OR 1240
16 Es 1137	unid ch 2 NBC	2229	KREmt 2 WA		(MUF 107.7 @ 1957)
1257	unid ch 2 NBC	2257	KING 5 WA 1195	1959	WPSX 3 PA 990
17 Es 0843	WCBQ 2 SC 1310		(MUF 90.3 @ 2309 WA)	2048	unid ch 5 FOX
0929	WUFT 5 FL 1415	24 Es 0933	unid ch 2 Mexico		(Over loc. KXJB)
0930	WRBL 3 GA	0945	unid ch 2 NBC	2119	WDTV 5 WV 985
	(MUF 94.5 @ 0944 GA)	1157	KREM 2 WA 960	2202	WFTV 3 NC 1140
1158	WSIL 3 IL 755	1300	CFAC 2 AB 840	2204	WBMY 2 NC 1150

**Fred McCormack (continued)**

27 Es 2214	WCYB 5(TN)1040	29 Es	(MUF 107.9 @ 0233- OR)	1 Es 0118	(MUF 107.9 @ 1342)
	(MUF 107.9 @ 2227- NC)	0822	KPRC 2 TX 1195	1359	KTBS 3 LA 990
2235	WKRG 5 AL 1215	0850	KATC 3 LA 1185	1814	WEAR 3(AL)1225
28 Es	(MUF 95.7 @ 0011- OK)	0932	KENS 5 TX 1220	1818	WBRZ 2 LA 1185
0015	KOAA 5 CO 705	0943	KRGV 5 TX 1430		unid ch 6 Mexico
	(MUF 100.7 @ 0031- TX)	(MUF 102.7 @ 0950- TX)		(MUF 107.9 @ 2114- AZ)	
0051	KCEM 6 TX 1075	0959	KTXI 5 TX 965	2148	KPHO 5 AZ 1230
	(Local WDAY off)	1029	KENS 5 TX 1220	(MUF 106.5 @ 2221- NV)	
0101	WDSU 6 LA 1225	1036	KFDX 3 TX 900	2300	KDDK 3 ID 805
	(MUF 90.5 @ 0105- FL)		(MUF 107.9 @ 1100)	2 Es 0959	WBRZ 2 LA 1185
0118	unid channel 4	1200	XEJ 5 CH 1180	1000	KATC 3 LA 1185
	(Local KXJB off)	(MUF 100.5 @ 1215- NV)		KBTX 3 TX 1120	
(MUF 106.7 @ 0123- AL)		1229	KENW 3 NM 965	1038	WTTG 5 DC 1135
0127	KENW 3 NM 965	(MUF 107.9 @ 1318- CA)		1058	WPSX 3 PA 990
0154	KUTV 2 UT 880	1348	KJTV 2 UT 880	(MUF 92.7 @ 1121 NY)	
0156	KTVY 4 OK	1349	KSL 5 UT 875	1218	unid ch 3 French
0200	WTVY 4 AL 1240	1459	KLEW 3(WA) 980	unid ch 2 French	
	(MUF 99.3 @ 0235)	(MUF 106.5 @ 1516- WA)		3 Es (MUF 102.7 @ 2005- TX)	
0249	KATU 2 OR 1240	1600	KING 5 WA 1195	4 Es 2127	CBUT 2 BC 1210
0250	KOIN 6 OR 1235	1628	CFRN 3 AB 870	2139	KING 5 WA 1195
0333	KTVX 4 UT 880	1831	CBXT 5 AB 860		(MUF 92.1 @ 2141)
0348	KCCZ 4 UT 1050	1759	WSB 2 GA 1115	5 Es 0750	KUTV 2 UT 880
0409	KQWL 5 WV 845	1800	WSAV 3 GA 1320	0828	unid ch 3 PBS
	(MUF 107.9 @ 0421)		(MUF 105.5 @ 1821)	0835	KJRH 2 OK 750
0428	KUTV 2 UT 880	1858	WUFT 5 FL 1415	unid ch 5 PBS	
0459	KSL 5 UT 875	(MUF 107.9 @ 1937- FL)		0859	KKTO 2 NM 915
0512	KAMR 4 TX 840	2000	WKRG 5 AL 1215	0900	KMID 2 TX 1060
0520	KVIO 6 NM 1045	2058	unid ch 5 CBS	0929	KENW 3 NM 965
	(MUF 99.5 @ 0540)	2058	unid ch 2 CBS	0956	KNAZ 2 AZ 1120
0554	KACV 2 TX 840	2023	unid ch 4 NBC	1729	KMID 2 TX 1060
0958	KENW 3 NM 965	(Over loc. KXJB)		1730	KENW 3 NM 965
1025	KTVX 3 AZ 1230	(MUF 92.3 @ 2035- KY)		6 Es 0900	WEAR 3(AL)1225
1058	KUTV 2 UT 880	0758	unid ch 2 NBC	1100	KWGN 2 CO 650
1100	KNAZ 2 AZ 1120	0827	KIII 3 TX 1330	1616	unid ch 2 French
1141	KPHO 5 AZ 1230	0830	KBTX 3 TX 1120	1627	CFAC 2 AB 840
(MUF 96.1 @ 1148- AZ)		(MUF 95.5 @ 1403- AL)		(MUF 96.3 @ 1643)	
1252	unid ch 5 Mexico	1529	KBTX 3 TX 1120	1700	WGRZ 2 NY 935
1256	KVVU 5 NV 1200	1530	unid ch 5 PBS	1746	KLEW 3(WA) 960
1259	KREM 2 WA 960	1537	KMID 2 TX 1060	1800	KREM 2 WA 960
1301	KVBC 3 NV 1195	1628	KENW 3 NM 965	(MUF 89.5 @ 1816- WA)	
(MUF 95.9 @ 1323- MT)		unid ch 2 Mexico		1829	CFQC 1 3 SK 820
1329	KLEW 3(WA) 960	1723	KTBS 3 LA 990	1853	KYM 3 PA 1175
	(MUF 100.5 @ 1423)	1815	WLBT 3 MS 1070	7 tr 0800	KSIN 27 IA 300
1600	KLEW 3(WA) 960	1819	WKRG 5 AL 1215	Es 0855	WBRZ 2 LA 1185
(MUF 92.3 @ 1640- NM)		1829	KFDX 3 TX 900	10 tr 1000	CBWT 3 29 MB 160
1648	KKTO 2 NM 915		(MUF 107.9 @ 1915)	1010	K630X 63 NM 90
(MUF 89.9 @ 1800- GA)		(MUF 106.7 @ 2046- LA)		(Wadena	KMSP- 9)
1828	WBTU 3 NC 1140	2100	KALB 5 LA 1115	Es 1030	unid ch 3 NBC
2158	WBTU 3 NC 1140	2200	KATC 3 LA 1185	1230	KDTN 2 TX 985
2200	WCBQ 2 SC 1310			1301	KFDX 3 TX 900
29 Es 0100	KOIN 6 OR 1235			1349	unid channel 5
0109	KBCI 2 ID 960			1350	KMID 2 TX 1060
0124	KOBI 5 OR 1320	0134	WCBQ 2 SC 1310	1359	KACV 2 TX 840
0126	KOTI 2 OR 1265	(MUF 92.3 @ 1053- LA)		KENW 3 NM 965	
		1130	WLBT 3 MS 1070	11 Es 1029	KKTO 2 NM 915
		1200	KXAS 5 TX 985	14 Es 1659	KFDX 3 TX 900
				1703	KMID 2 TX 1060

It was great to see E skip still in after locals KXJB-4 and WDAY-6 signed off. I think the overnight opening of May 27th-28th was the most extraordinary event of that nature ever observed at either of my two North Dakota TV-DX QTH's.

#### TALL TOWERS REVISITED:

Robert Baker of Humboldt, Iowa sent me data on some other 2000 foot towers in South Dakota and Iowa. (KOIN-11/WHO-13 (diplexed)/WOI-5, KCCI-8, KCRG-9/KRIN-32, KWML-7, KELO-11 / KSFY-13). My source was the hagl (radiation center) as listed in the TV & Cable Factbook and I cut off at 2000' exactly. The TV & Cable Factbook lists an additional 41 TV stations with antenna heights between 1950 and 2000 feet above ground.

# EASTERN TV-DX

8111 Nienajedly  
P.O. Box 2999  
Clifton NJ  
07015

July 1990 Cutoff 5-1-90 Deadline August 1st 1990

The MJF reaches CHANNEL 9 !! Greg Coniglio and Matt Sittel both observed CH 9 skip Matt on May 29th, Greg on the 31st. Tom Bryant noted Channel 7 skip on May 31. The last couple of days of May saw outstanding E-Skip even into the dead of night. John Combs saw the skip on the 28th still in at 0345! And still more on that super gulf opening. Note that a new address for ETVDX, Please Report Promptly + thank to all who do!

Michael Hollis 40 Lakewood St Mary Esther FL 32569

March 1990

21 Tr 2220 All U's LA 200  
2221 KHOU 11 TX 530  
2222 KHTV 39 TX 530

22 Tr 0524 KNOE 8 LA 370  
0525 KPRC 2 TX 530  
0527 KHTV 11 AR 450  
0528 KLRN 16 AR 450  
0534 KABN 38 AR 450  
0544 KETG 9 AR 470

24 Tr 0550 WTGS 28 SC 360  
0555 WJCL 22 GA 350

April 1990

16 Tr 0512 KPRC 2 TX 530  
0520 KJAC 4 TX 470  
0523 KLAX 31 LA 350  
0530 KHTV 39 TX 530  
0535 WSPF 30 FL 390  
0550 KVPF 29 LA 390  
0600 KALB 5 LA 360  
0620 KEDT 16 TX 700  
0621 KLPB 24 LA 340  
0633 WMAL 17 MS 270  
0636 WTTA 9 MS 300

27 ES 2215 KMDI 2 TX 950

29 Tr 0424 WTVT 13 FL 300  
0426 WLYT 12 FL 300  
0428 WESH 2 FL 350  
0433 W65BG FL 150  
0444 KXLN 45 TX 570  
0445 WFTS 28 FL 300  
0447 KABB 29 TX 740  
0448 KTXH 20 TX 530  
0449 KLFY 10 LA 340  
0450 WFLA 8 FL 300

30 Tr 0456 WAYQ 26 FL 350  
0504 WAWX 30 FL 300  
0515 KDFW 4 TX 660  
0517 KTRF 9 TX 530  
0519 KTXH 20 TX 530  
0520 KHTV 39 TX 530  
0527 KPRC 2 TX 530  
0530 KFTV 9 FL 350  
0545 KATC 3 LA 330  
0552 KGBT 4 TX 750  
0558 KSAT 12 TX 740  
0626 KFTV 13 TX 820  
0642 WMFE 24 FL 350  
0650 KENS 8 TX 820  
0730 XERV 9 MX 790  
0732 2 25 MX ---  
0734 KEDT 16 TX 700  
1430 KRIV 26 TX 530  
1431 KHTV 39 TX 530  
1435 KPRC 2 TX 530  
1440 KHOU 11 TX 530  
1455 XHAB 7 MX 760  
2020 KHTV 39 TX 530  
2030 KHSB 67 TX 520  
2040 KRRT 35 TX 770  
0422 WBSG 21 GA 340  
0425 WSAV 3 GA 350  
0430 WYSB 27 MS 250  
0432 KATC 3 LA 330  
0435 KXXV 25 TX 660  
0448 KTRF 9 TX 500  
0451 KCEN 6 TX 670  
0455 KRIV 26 TX 530  
0500 KETH 14 TX 540  
0510 KSAT 12 TX 740  
0515 KVUE 24 TX 690

30 Tr 0517 KTWX 10 TX 670  
0520 KMOI 4 TX 740  
0525 KXAN 36 TX 690  
0531 KVEO 23 TX 750  
0532 KABB 29 TX 740  
0537 KDAF 33 TX 660  
0539 KMSS 33 LA 460  
0543 KFTK 56 TX 530  
0545 KBVO 42 TX 690  
0548 KLMG 51 TX 550  
0558 KXIN 45 TX 570  
0610 KHTV 39 TX 530  
0630 KJRU 18 TX 690  
0635 WMAB 2 MS 250  
0640 WMAD 23 MS 360  
0647 WMAV 18 MS 360  
0649 W45AA MS 210

May 1990

Tr 0438 WBSG 21 GA 340  
0501 WLYT 23 FL 520  
0502 WOZL 39 FL 520  
0526 W3IAT FL 270  
0536 KHTV 39 TX 530

I thought I had missed this years big opening in the spring but it came late this year. A good opening with WFF pretty much a solid mess. This opening compared to the one on 16 March 1989 was not quite as intense but produced some new stations. Total stations logged so far after 18 months at this location, 337. Many good photos during this opening which I'll be sending



May 1990

Tr	0438 WBSG 21 GA 340
	0501 MLTV 23 FL 520
	0502 WDZL 39 FL 520
	0526 W31AT FL 270
	0536 KHTV 39 TX 530

I thought I had missed this years big opening in the spring but it came late this year. A good opening with WF pretty much a solid mess. This opening compared to the one on 16 March 1989 was not quite as intense but produced some new stations. Total stations logged so far after 18 months at this location, 337. Many good photos during this opening which I'll be sending in to the Photo Column.

Harry Hayes 9 Henry St Wilkes Barre PA 18702 EDT

April 1990	May 1990	18 ES 1900 WEAR 3 FL
28 ES 1740 UNID 2 -- ----	14 ES 2300 WBRZ 2 LA	18 ES 1900 WEAR 3 FL
SS Audio	16 ES 1711 KJRH 2 OK	23 ES 2017 KQTV 2 MO

Equipment; Channel 2 Quad loop on frame w/1971 model color RCA. This May ranks as one of the all time poorest for DX in this neck of the woods. The Es season is really starting slowly with just teaser openings so far. I've seen some signs of skip to channel 4 at times but that's been the limit. Absolutely no drops of significance seen. In using this set for UHF also with its continuous dial. My other set has a busted tuner and is now only used for entertainment viewing. I will be back in 30 days with some better news I hope.

Jim Renfrew 61 W1Coax St Rochester NY 14607 3832 All times EDT

March 1990	May 1990	29 ES 1910 KATC 3 LA 1175
11 AU 1745 CIII 2 ON 130	27 ES 1410 MUF 5	1913 RFDX 3 TX 1275
w/WGRZ audio	1811 KJRH 2 OK 1075	2000 WBO 2 AL 925
	2300 WEAR 3 FL 1025	2100 WEAR 3 FL 1025

April 1990	29 ES 1800 KLTN 2 TX 1250	Note 1, Not sure of what to make of this. Heard CBC news w/Toronto items during brief lull in Es activity. CIII-2 can be heard here but I would guess that Global doesn't use CBC news. AU? or Es?
19 GW 1805 W3BAW NY 001	806 KXAS 5 TX 1275	
New station, CB/TP, All	AU 1822 UNID 2 -- ----	
News Network prg/summer		

See next page for the rest of Jims comment

Eastern TV DX

July 1990

Jim Renfrew continued

5/27 and 5/29 saw lots of Es, up to Ch.5. There were few IDs during weekend network sports programs (drat!), but much better results during local news programs in the early evening. It was a great experience watching 3 stations from 3 states fighting for channel 3. No sign of WSTM 3 Syracuse, so I had no idea how to interpret offset lines, audio vs video, etc. but it was lots of fun as I heard all three IDs during the news.

All this, and more, with a old color TV (has to warm up for 45 minutes before channels stabilize, with a terrible FM interference on CH 6) in the attic with Rembrandt rabbit ears. Jim

Matt Sittel, 220 Brookfield Drive, Kingsport, TN 37663 (615)239-9186

Here's a brief summary of the DX I received in Raleigh, NC during the school year that was not reported earlier.

10 12 89 I stumble onto a lone DX station, WNEG-32 GA 276, at 2147  
10/13/89 Strong early morning opening brings in some distant stuff. 4 new logs, listed below  
0758 WOGX-51 FL 486, 0801 WCBJ-20 FL 477, 0810 WAWX-30 and WNTF-47, both 410 miles.

Notable relogs include WISG 31 GA 424, and WCES-20 GA 266.

11 24 89 On this morning I finally get strong DX to the north. 11 new stations, seen between 0847-0916 WBOC 16 MD 255 WMDT 47 MD 251, WBFF 45 MD 274, WJMM-32 DC 241, WFTY-50 NC 242, WISW 24 MD 268, WWTW-53 VA 111, WTKC 55 VA 156, WNUV 56 VA 233 WNUV-54 MD 268, and WFLA 26 DC 241. At one point on 6 WFLA, WAGT, and WJKA were all in at once! Thank you Sam Brown for your help in identifying some of these stations for me.

10 25 89 5 new ones on this day. I had an exam at 0855 this morning, and had to walk out on WAWX 30 in color! I ran back, and got in the door with 40 seconds before 1300, and grabbed what may be my favorite logging of all time in Raleigh WAWX-14 GA 444. Also new were WIGS-28 SC 266 (very weak but in color on the cable system, which picked it up after WPTF-28 signed off), WHTS-21 NC 229 WRPT-49 SC 187, and WRDW-12 SC 240. Relogs include WISG 31 GA 424, WCES-20 GA 266, WNTF-47 FL 410, and only the 2nd time ever for WCBJ-20 SC 199.

11/06/89 3 new ones this morning during an unusual opening WNTV-29 SC 217, and the other two were in without much in from near it WKCP-68 and WMEF 24 FL 509 I may have had WFLA-35 at 0830 but they are not only the same offset as WFLA-35 but also ran the same show at the same time! WISG-31 also was in.

1990 On January 2d I note a new LPTV that ruined its channel for DX. W13CI Raleigh, another "Video Jukebox Network" affiliate, has turned channel 13 into a frequently unusable channel. WHTV-13 has to be strong to overtake them, and things like WSET are unlikely to ever be seen again while W13CI is on. March 13 was the day I FINALLY received WFXI-8 in Morehead City, NC. At 133 miles, it's hard to believe I had such a hard time logging it. The last few days in April were extremely busy for me, as not only did I have finals to study for, but DX was great!! On the 17th the DC/Baltimore area were noted again. On the 26th I ID'd a pesky new station, channel 34 in Henderson, NC (43 miles). All they were running were alternating slides of a TP and a slide saying "Channel 34 Henderson Thank You" and no calls listed. The 2 best DX days of 1990 so far came on 4/27-28, with the 28th being the best DX day I've ever seen in Raleigh. First, the 27th, I caught only one new station, but its presence indicated that DX was better than it appeared to be: WBSG-21 GA 358. John Combs helped me out a lot on these 2 days in ID'ing stations-thanks, John! He helped on WOGX-51 FL 486 and WIOG-44 FL 582, only the 2nd time I've ever seen it. At least 10 unIDs were noted; many were perhaps the DC area, while others were a total mystery, especially on channel 53. Ads for "Groupama", "Binala", and "Epeda", and FRENCH audio! "#308" constantly stayed in the lower-left hand corner. Would WNTV have anything like this? If not, then what could it have been? On April 28th, X opened up in all directions. To the east the best ever signal for WFTY 8 NC 113. To the north WFTY-50 DC 242, WBFF 45 MD 274, and WNUV-54 MD 268. To the west WHNS-21 NC 229, WRET-49 SC 187, and 2 new stations: WOGS-16 SC 217, and another NCPT affiliate, WUNF-33 NC 231. On 4/26 I logged WUNG-58 NC 118 for the first time, leaving only 2 NCPT's that I need: WUNE-17 and WUND-2. To the south, conditions were fantastic. WERA-14 SC 233, WAGT-26(SC)239, and back to full power, WTAZ-24 SC 200. But there were two notable long catches: WIOG-44 FL 582, and a new station, my furthest tropologging from Raleigh so far WTVX 34 FL 600. They were in color with a "Didi Seven" 30-minute commercial only 7 minutes before ID out faded until at 1300 I could still read the calls, and after that it was gone. Now, on to my Kingsport DX:

MAY 1990	20 Es 1590 UNID-2	20 Es 1859 KACB-3 TX 1077	25 Es 1858 KENW-3 NM 1210
	1628 KENW-3 NM 1210	22 Es 2142 UNID-2.3	1859 KACB 2 TX 1116
	1638 UNID-6 (MUF 89.1)	23 Es 1902 UNID-2	2037 KCNC-4 CO 1252
	1708 UNID-3 CBS	24 Es 1902 UNID-2,3,4,5	2045 UNID-4
	1740 UNID-4 ABC	25 Es 1845 UNID-2 NBC,3 ABC,	2059 KOET-3 OK 724
	1838 KSNK 2 KS 901	3 NBC,4,6	

I'm working 0725-1555 M-F until 7/23, so I won't see any AM Es unless on weekends! 73s MATT.

Eastern TV DX				July 1990							
Tom Bryant 849 Todd Preis Dr. Nashville TN 37221				CDT							
May 1990											
6 MS	0547	KUSD	11 SD 754	27 ES	1329	KENW	3 NM 963	29 ES	2048	KENW	3 NM 963
	0549	KPRC	2 TX 668		1430	KACV	2 TX 838		2059	KVIO	6 NM 1008
9 ES	2047	MUF	2 see notes		1502	KMTV	3 NE 611	30 ES	2102	KENW	3 NM 963
14 Tr	2227	WTHI	10 IN 223		1514	MUF	5		2106	MUF	6
	2339	KAIT	8 AR 226		1521	KOTA	3 SD 1024		2125	opening ended quickly	
15 Tr	0006	WISH	8 IN 223		1600	MUF	6	31 ES	0959	KTVS	3 CO 926
	0009	WCPO	9 OH 250				had to leave		1858	KTVS	3 CO 926
	0013	WTVB	9 MS 198		2259	CFSS	3 SK 1237		1859	KBME	3 ND 1022
	0017	WTHR	13 IN 271			KMBE	3 ND 1022			KSWK	3 KS 799
17 ES	0935	MUF	2			CBWF3	MB 1087			NBC	5 UN-ID
19 ES	0133	KWGN	2 CO 1029	28 ES	0017	KOTA	3 SD 1024			see notes	
20 ES	2040	MUF	3		0101	KDLO	3 SD 832		1933	KWNB	6 NE 827
27 ES	1235	KIII	3 TX 851		0230	KENW	3 NM 988		1958	KLINE	3 NE 743
	1259	KACB	3 TX 832	29 ES	0959	KVIO	6 NM 1008		2001	KTVS	3 CO 926
	1302	KMID	2 TX 919			KENW	3 NM 963		2044	MUF	7 CBS
									2059	KRMA	6 CO 1029

Notes: 5/9- First traces of ES this spring w/moderate CCI on 2. 5/27- The most active DX-day here in a long time, and I had to miss part of it due to social (ugh) obligations! KMID and KACV spottings were my first ever 'through' local WGRN (2) (xmt only 4 miles according to JFC print out! 5/28-KOTA dominant and quite steady from midnight till about 0215 CDT. 5/31-UNID NDC (5) WNW (through local WTVF)...likely KTVW, KDLT, KFYR; ES APPEARED TO BE ACTIVE ON 7.. First time ever to see such activity but it looked and sounded like lo-V ES...likely guesses are Hays or Pittsburg, KS or Denver. Hope the rest of the season is as good as the Kickoff! See you at the convention in Menasas!

Bob Smolarek 156 Oldwick Road Whitehouse Station NJ 08889

DXing at Bill Kretschmer's house in North Syracuse NY  
May 1990

27 ES 1425 KARK	4 AR	27 ES 1800 KPRY	4 SD	28 ES 0000 WTVY	4 AL
1500 KETS	2 AR	2134 KGAN	2 IA	0052 KARK	4 AR
1758 KELO	6 SD	2225 WDAF	4 MO	0112 KJRH	2 OK
1800 KDLO	3 SD	2325 KDUH	6 NE	0125 KARK	4 AR
		2327 WREG	3 TN		

While visiting Bill for the memorial day weekend we were treated to hours of great E-Skip. Besides the above there were countless UNID's. Local CH 3 (WSTM-BN) was unwatchable at times! 73

Greg Coniglio 5100 Glenwood Drive Williamsville NY 14221

May 1990

14 ES 2308 WEDU	3 FL	28 Tr 0100 Ft Wayne	Us-367	29 ES 1815 WEAR	3 FL
17 ES 1050 MUF	105.9	0130 WLIO	35 OH 310	1900 WLBT	3 MS
2000 WRBL	3 GA	ES 1800 KFDX	3 TX	WDSU	6 LA
23 ES 1845 WPBT	2 FL	1900 KSNW	3 KS	Local!	
1927 KATC	3 LA	2300 KOTA	3 SD	1904 WKRG	5 AL
1928 WLBT	3 MS	29 ES 1700 KTBS	3 LA	31 ES 1915 UNID	7
27 ES many stations in		local!!		zero to WKBW	
but concentrated		1800 KARK	4 AR	1917 UNID	8 PBS
on FM. Logged 15		1812 KXAS	5 TX	1933 UNID	9 (wow!-BN)
states on FM. (!-BN)				zero to CFTO	

E-Skip is finally picking up! Two good openings on the 27th and 29th, on the 27th there were definitely multiple cloud's, at least three. The MUF was reportedly very high that day too. Hope everyone has gotten some good skip! 73s Greg

(Ed note: Greg phoned in the outstanding stuff on the 31st so it could get here, Thanks Greg-BN)

Rich Shaftan 39 Old Middletown Rd Rockaway NJ 07866

\*\*\*\*NEW REPORTER\*\*\*\*

\*\*\*\*NEW REPORTER\*\*\*\*

May 1990

27 ES 2254 KTVQ	3 MO	29 Tr 0018 WMDT	47 MD	3 ES 1903 MUF	88.1
28 Tr 1614 WRGB	6 NY	cci-thru-WNJU		4 Tr 0009 WDCB	20 DC-s/f
2232 WBSB	36 RI	June 1990		also 22,24,26,45,50-DC+MD	
2249 WXNE	25 MA	2 ES 1444 UNID	6 CBS	0108 WOLF	38 PA
cci/WNYE				0109 WLYH	15 PA
				0316 WHLL	27 MA

That dude from Joisey 98 Highland Ave Clifton NJ 07011 or PO Box 2999 Clifton NJ 07015  
May: 23-MUF-4 @ 1906/27-MUF 92.5 @ 0915-88.1 @ 1430/30-1930 WPBT-2-FL & WTVJ-4-FL floaters on locals.  
31st-1800-KTAC-3-LA. June: 1st-2015 MUF 107.7/2nd @ 1040 KY-3-MD ?/3rd 1030 approx KMTV-3-NE. Been DXing FM a lot!

Eastern TV DX		July 1990
John E. Combs, 1308 Willow Branch #24, Jacksonville FL 32205		(904) 389-2451
[New loggings underlined; distances shown for new loggings and selected relogs...]		

MAY 1990

11 Tr 0100-0130 Miami, WPB U's [0500-0615] Mobile/Pensacola U's, KITY-39 and KRIV-26 TX (825), WNOL-38 LA (491), WBRZ-2 LA (564), WAFB-9 LA (565), KATC-3 LA (635) 3/4 ch w/ "Good Morning Acadians" (whatever that is) and program scheduler, also some tentative all and MS U's [0930+] Recheck--band full...just about everything within 350 miles in all directions [in at once: from Miami to Mobile to Myrtle Beach! (2145) WPB, Miami U's; W50AN Vero Beach (206) [2 Tr 0550-0625] Columbia, Miami, WPB U's; a gaggle of FL LPTV/xlts like W61BL W35AJ, W27AE, W49AI, W61AK, Mobile 10, 15, 21 (348-365), KATV-39 TX (825) and tent. WNOL-38 LA [2100+] Columbia, WPB U's; W19AX Kissimmee ("Tourist Channel") zero-beat w/MLTX, so its offset is plus [8 Tr 2155] Columbia 19, 25 [12 Tr 0125+] WPB U's, WPTV-5, W50AN, W27AE Sebring (198), W16AJ Melbourne (169), W19AQ Palm Beach (267); Miami U's weak (311-313) [ES 1221] unID-2 brief SS [14 Es 2236-2300+] WGRZ-2 NY [15 Tr 0015] Columbia 19, 25 [0820+] SC 10, 19, 23, 25, 27, 35, 38, 57; Charlotte U's (342-346); W65BI Augusta GA (222) [2215] Most of same SC U's as at 0820 [16 Tr 0825-0900] Many SC U's, Charlotte U's, WBTW-13 SC (312), WATL-36 GA, WNRW-45 NC (425), WCVB-23 VA (549) dual ID w/WHTJ-41! Nice! WRLH-35 VA tent.; also an unID-8 ABC--offset says probably WHPB rather than more-desired VA stn! [1400] WJKA-26 NC (334) noted weakly [17 Tr 0115] Miami, WPB U's, W50AN [19 Tr 0930] W49AI, W61AK [21 Tr 0015] Very weak stuff: WKPT-40 NC (332), WHMC-23 SC, WITY-7 SC [23 Es 2040-2130+] CHBZ-2 ON, CKCO-2 ON, WJMN-3 MI all tentative; CCI on 2 in/out rest of evening [25 Es 1225-1350] tent. XEPW-2, XERS-2; other unID Mexicans [26 Tr 0825] Columbia 19, 25 [ES 1140-1240] unID-2 TCM, other unID Mexicans [27 Es 1310 t/in-1500] a good one! KJRH-2 OK, KGAN-2 IA, KQTV-2 MO, KSNC-2 KS, KUSD-2 SD, KOET-3 OK, KMTV-3 NE, KOCO-5 OK (981), KOAA-5 CO (1410), WMAQ-5 IL (864), WQWT-6 NE, KOTV-6 OK, KBSD-6 Ensign KS (1176) w/ads for Dodge City & ID w/new calls; unID-6 Lawrence Wk @ 1404 EST--KMOS or ??? Lots of CCI on local WJXT-4 (unusual) and from 1337-1345 noted CCI on 7, tho nothing in on 2 meters or NWS freqs! (1500-2245) Es noted while mobile around Jacksonville on several checks [2245 t/in-0345] UNUSUALLY INTENSE LATE-NIGHT OPENING! KGAN-2 IA, KTVI-2 MO, WBSB-2 IL, WJBK-2 MI, WGRZ-2 NY, KSNC-2 KS, KJRH-2 OK, KDLO-3 SD (1327) w/lots of "KELO-land TV" IDs, WJIL-3 IL (649) w/ID 3/4 ch in much of night, KMT-3 IA, CBPT-23 PA, WKIC-3 OH, CKVR-3 ON, KMTV-3 NE, KSNW-3 KS, KCTV-5 MO, WQWT-6 NE, and KTHO-2 NY (1603) w/part of s/off inviting viewers to write to KTHO address--state #34, E-skip #100, and my most distant Es from Jax yet! Many tentatives, including such needed stations as CKRN-3 and CIII-6; also many, many unIDs in 0100-0300 period [28 Es 2110 t/in-2200] KUSD-2 SD, other unIDs [29 Es 1723-2200] CKPR-2 ON, WGRZ-2 NY, WBAY-2 WI, KGAN-2 IA, WJMN-3 MI, CKVR-3 ON, KDLO-3 SD, KLINE-3 NE, WPRV-5 WI, WMLM-6 WI, WITI-6 WI (945) w/ID; tentatives on WDTN-2, WMMT-3, and WLNS-6 (latter 2 w/Tigers BB); embarrassed to say I fell asleep during brief break just after 2200 IDs, so I don't know how late it went on! [30 Es 1830-2245] KDTN-2 TX (910) w/beautiful signal for almost 2 hours, KJRH-2 OK, KQTV-2 MO, KACB-3 TX, KTBS-3 LA, KOET-3 OK, KOTV-6 OK, KCEN-6 TX, and a very tentative KDFW-4 TX (strong zero "floater" behind WJXT-4 while KDTN-2 was booming in...) [31 Es 0810-1230] WBAY-2 WI, KGAN-2 IA, KQTV-2 MO, KMTV-3 NE; probably others, but after 1030 or so most were // w/Gorbachev arrival, so didn't pay much attention [2040 t/in-2230+] KDLO-3 SD, WQWT-6 NE and several unIDs; opening quickly faded to almost nothing, tho Sittel had hi-band only 20 minutes before I t/in! Strong trop-enhancement didn't help, either...

The first few days of May saw the "leftovers" of the great April 29-30 Gulf tropo. Only other notable tropo of the month was WCVB-23...I was rotating to the West, assuming it was Pensacola that was QR'ing WHMC-23, when I saw the ID! E-skip has gotten off to a wild and woolly start with several notable openings, chief among them the opening of May 27/28, which is the best late-night Es ever witnessed by me. Channel 6 was still open well after 0200, and there were traces of KCTV-5 when I called it quits at 0345! There were far more unIDs logged than available single-hops, so there was likely more double-hop activity than I was able to ID! I stayed awake (and amused) by frequently returning to KSNC-2/KSNW-3 who carry the inimitable Gene Scott from 0100-0300 EST. Where else can you hear fine "Christian" songs with lyrics like, "Kill a piss-ass for Jesus, then kill a piss-ass for me?!" (The man is not for real...) Anyway, if skip continues in this fashion, this could turn out to be one of the best summers in a long time!

I hope there aren't too many typos in this report as I'm rushing to prepare it before leaving for the Outer Banks, where I'll be from June 3-10. I'll be staying with former WTFDAer (and still very occasional TV-DXer) Jim Alexander and a bunch of TV-DX equipment. I hope coastal tropo lives up to its reputation while I'm there but, if not, maybe there'll be some more great E-skip!

\*\*\*\*\*  
ATTENTION ALL STATION ENGINEERS, TECHNICIANS,  
& OTHER COLLECTORS OF UNUSUAL VIDEO !!!  
Your BLOOPERS are wanted!!

Mike Stone (WBOQCD), editor of Spec-Com, the journal of the U.S. Amateur Television Society, is looking for new donations of TV bloopers, mis-cues, and outtakes for his Videotape Library--tapes available on loan to USATVS members. When Mike ran an ad like this in Spec-Com some time back, he was deluged with tapes of all kinds and formats from all over the country, with some of the funniest, most outrageous, and raunchiest bloopers you'd ever hope to see! (This is not the sort of stuff that gets on Dick Clark's TV show!) Well, Mike has finished editing all these tapes, and is convinced that they represent just the tip of the iceberg of what's out there. So, c'mon, guys! All you fellows that work in the broadcast industry, dust off those tapes you've got stashed away, and send a dub to Mike at P.O. Box 14, Lodi, CA 93255. Any format. And for information on Spec-Com (a great publication) write: The Spec-Com Journal, 1520 Cerro Drive, Dubuque IA 52001. It's great for those into ATV, those who want to be, or those just curious about Amateur television!

.OK Dudes, this stuff came after my deadline and after everything was written up so consider this page a AFTER DEADLINE\*\*BONUS!!! More on MUF reaching CH 91\*\*\*\*\*  
Matt Stittel 220 Brookfield Drive Kingsport TN 37633 Part 2

May 1990

27 Es 1045 SS 2,4.CCI 5  
1101 TV6 3 CUBA  
1103 TV6 6 CUBA  
1159 KNOL 4 TX 1037  
1201 unID 2  
1229 KDFW 4 TX 864  
1230 unID 5  
1315 KRIS 6 TX 1065  
1358 KCEN 6 TX 915  
1458 KAMR 4 TX 1083  
1458 KENW 3 NM 1210  
1459 KACV 2 TX 1116  
1459 KFDX 3 TX 922  
1529 KSWK 3 KS 1039  
1529 KLEY 4 KS 1044  
1559 strong CCI on 2  
1559 KSNW 3 KS 831  
1730 NBC 4,5.ABC 4,6  
1759 KPRY 4 SD 1062  
1829 KXJB 4 ND 1065  
1859 CKYB 4 MB 1264  
1859 CBWT 3 MB 1187  
2059 KLNE 3 NE 955  
2206 unIDs 2,4  
2221 KBSD 6 KS 985  
2313 KDLO 3 SD 982  
2322 KOTA 3 SD 1209  
2334 KSNW 3 relog  
28 Es 0058 KSNW 3 KS 831  
0104 KBTX 3 TX 877  
1429 TV6 3 CUBA

28 Es 1544 ColorVision 2  
Dom.Republic  
1700 TV6 6 CUBA  
1755 TV6 2 CUBA  
1830 unID 4  
29 Es 1758 KTWO 2 WY 1335  
1858 KUSD 2 KS 929  
1859 KPRY 4 SD 1062  
1859 KOTA 3 SD 1209  
1859 KTVS 3 CO 1142  
1911 KTIV 4 IA 844  
1913 KAMR 4 TX 1083  
1920 unID 3 PBS  
1921 WQMT 6 NE 800  
1926 KSNB 4 NE 872  
1929 KDUH 4 NE 1172  
1930 KMTV 3 NE 800  
1947 KWNE 6 NE 1039  
1955 unID 7  
1958 unID 9 ABC  
2017 unID 6 PBS  
2029 KCNC 4 CO 1252  
2034 KBSD 6 KS 985  
2053 unID 5 NBC  
2129 KTVY 4 OK 839  
2153 KSNW 3 KS 831  
2156 KAVE 6 NM 1255  
2157 KENW 3 NM 1210  
2221 KDFW 4 TX 864  
30 Es 1903 unID 2  
1904 unID 3 SS  
2057 unIDs 2,4

30 Es 2058 KFDX 3 TX 922  
2059 KACB 3 TX 1077  
2101 KENW 3 NM 1210  
2128 unID 5  
2136 unID 6  
31 Es 1802 KIII 3 TX 1069  
1819 unID 4 SS  
1826 unID 2  
1828 KGBT 4 TX 1146  
1829 KRIS 6 TX 1065  
1829 unID 6 SS  
1927 KYTV 3 MO 579  
1929 KFDX 3 TX 922  
1932 unID 3 PBS  
1956 KBSD 6 KS 985  
2017 unID 7 CBS  
2130 unID 4 NBC

June 1990

01 Es 1647 unID 6  
1651 KDUH 4 NE 1172  
1659 KOTA 3 SD 1209  
2029 KATC 3 LA 721  
2031 KJAC 4 TX 791  
2059 KBTX 3 TX 877  
2104 unID 4 CBS  
2129 KENW 3 NM 1210  
2159 KACB 3 TX 1077  
02 Es 0003 KIII 3 TX 1069  
0028 KMID 2 TX 1165  
0029 KMOL 4 TX 1037  
0029 KPRC 2 KS 888  
1958 unID 3 R-C  
2010 unID 2,3 CBS,4 R-C  
2017 KXJB 4 ND 1065  
2059 KLNE 3 NE 955  
2059 WDAF 4 MO 684  
2105 unIDs 5,6

# PHOTO NEWS

JULY

1990

Photos submitted to PHOTO-NEWS become the property of this column and will not be returned.

EDITED BY  
David J. Neman

Had a little tropo early in the AM of June 13 to northern Illinois. It will be interesting to see what this months reporter; Bill Eckberg - Dixon, Illinois seen. Bill's DX equipment is a 1966 Zenith b&w TV model 14N22, modified Zenith 175-1962 detent tuner, Channel Master 1110 VHF antenna. Channel Master 7 foot UHF parabolic antenna with winegard PA4975 preamp on a 40 foot tower.



KWKT-44

Waco, Texas

825 mile tropo

seen September 19 1989

at 0545 CDTime



KNCT-46

Belton, Texas

863 mile tropo

seen September 19 1989

at 0555 CDTime



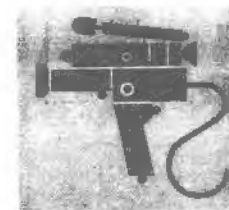
KWQC-6

Davenport, Iowa

61 mile groundwave

taken October 29 1989

"classic ID, 40th anniversary"



Thanks Bill for the tropo photos; it'd be interesting to see some of your latest E-skip catches. Its been a good skip season for us back east. So keep them fotos comin. Send them to: PHOTO NEWS - 12284 Nice Road - Akron New York 14001-9529

Till next time,

DAVE

I've never had so much DX in May before! Especially nice was the hi-band DX: The 9 running ABC news that did not end at 2000 (KUSA?) and the CBS 7 that was CDT(KAYS?). Note the new calls of KTVG:KBSD. Best of DX to all!

Christopher Dunne 21500 Johnson St Pembroke Pines FL 33029

May 1990

(No time given for logging-BN)  
27 ES WDAF 4 MO 1024/29 ES KTBS 3 LA 756 & KDFW 4 TX 932/31 ES KWAB 4 TX 1237//9-KTPX  
Hi everybody. Report #3 is here, but not much TV DX to report, because even though there was lotsa ES on TV this week (wk of 5/27). I couldn't sort out the signals! DX is from Belleview FL (11 mi S. of Ocala-BN)  
Thats all folks! I have lotsa FM to report too! Hope you all had a ball DXing this week. 73s Chris  
PAUL MOUNT PO BOX 126 LINCROFT NJ 07738

Equipment: Sanyo 12" Color TV Model 21C100, it's dual telescopic ant. for VHF, Radio Shack dual bowtie table UHF antenna, about 15 HAAT, elevation not yet known.

May 1990

June 1990  
30 ES 1830 WPBT 2 FL 1010 2 Tr 0025 WMGM 40 NJ 108-s/f 2 Tr 0047 WBOC 16 MD 160  
31 ES 1902 KATC 3 LA 1195 0040 WTTX 20 CT 93 0100 WLVT 39 PA 64  
running Kiss FM countdown show

Distances approx; will order my printout from Combs after I get a topo map for coordinates, and elevation as well. Being approx 37 Air Miles from my old location (Teaneck). I've started a new log + thus everything is new. Location is approx 26 miles SSW of World Trade Center, NYC and 58 NE of Roxborough (Philly). Still have to bring down that Teknika tuner.

Regular reception here Mostly NY/Philly 2,3,4,5,6,7,9,10,11,12,13, and on UHF 17,21,23,25,29,31,41, the 44/54 simulcast from Long Island : 47,50,52,55(though no LI FMs make it) (Paul you mean NO MORE or WAB? argh! Hi-BN)  
Still better than being 12 miles from NYC, Bill! knows how that is too. (Yea my area sucks-BN). TVstays on as I DX DX FM (same here-BN) 73 PAUL

Just a couple of notes to fill out this page. Remember to send all your UNIDs to John Combs TV-CCI column, that column is there for our benefit so please take advantage of it! I hope this small type is OK, I did it with this size to save space and to fit more in at the same time. Let me know how it looks! Another thing, thank to those who pointed out on my misuse of plural's Hll. There has not been any skip since 6/3 today is 6/7. Lets hope ES picks up again real soon. Oh yea..... Please Report Promptly!!! Thank!-BN

# NWS NEWS

## IN THIS ISSUE:

-NWS E-skip heard!!!  
-Various vacation NWS DX  
-New Weatheradio Canada  
stations on the air  
-An NWS station in Alaska's  
programming -AND MUCH MORE!

Matt Sittel  
220 Brookfield Drive  
Kingsport, TN 37663  
(615)239-9186...I'm home  
and up 5-10PM EDT M-F, and  
11AM-10PM Weekends.  
Deadline: 7/1/90 for 8/90  
NWS News column

## July 1990

We've got a big column this time, as I've received quite a few reports plus I've got a lot of DX to report myself. Let's get started, shall we?

Bill Hepburn, 1211-1547 Mississauga Valley Blvd., Mississauga, ON L5A 3X8 CANADA

Just thought I'd let you know about some new stations we now have on the air...

XMJ-375 162.475 Little Current, ON (Sudbury studio)  
XLT-839 162.475 Goderich, ON (London studio day, Windsor night)  
XJV-492 162.400 Sarnia, ON (Oil Springs xmtr) (Sarnia studio day, Windsor night)  
XJV-363 162.475 Kingston, ON (Kingston studio day, Ottawa night)

These stations were funded in part by the "National Search and Rescue Program". The St. Catharines station has been put on hold. Future stations in the Cobourg and the Simcoe/Port Huron areas are under discussion. (Thanks for that new info, Bill! -mcs)

Charles Gauthier, 3260 Beaulieu, Brossard, PQ J4Z 2P7 CANADA

NWS DX REPORT---Location: Lido Key, Sarasota, Florida  
Equipment: Realistic 12-141 Weatheradio

Local: KHB32 162.550 Ruskin/Tampa, FL 27 miles

## MARCH 1990

11 tr 2200 KIH63 162.475 FL Orlando 116 On the 17th, I heard the warning alarm  
2230 KIH26 162.400 FL Daytona Beach 159 on local KHB32 for a severe thunderstorm  
12 tr 0825 KIH24 162.400 FL Tallahassee 243 for the Tampa Bay metropolitan area, at  
15 tr 1830 KIH24 162.400 FL Tallahassee 243 1520. (Charles apologizes to those who  
2315 WKK83 162.475 FL Fort Myers 66 have written to him and have not yet  
18 tr 2345 KIH63 162.475 FL Orlando 116 received a response. He mentions that he  
20 tr 2230 WKK83 162.475 FL Fort Myers 66 has had some health problems. He thanks  
23 tr 1932 KIH24 162.400 FL Tallahassee 243 those who have written him and says he  
will do his best to reply as soon as he  
can. I hope you're feeling better, Charles! Thanks for your fine report. -mcs)

Frank Merrill, PO Box 669, Macomb, IL 61455

I'll bet you've NEVER seen a promo item from a NWS station! I don't recall exactly what kind of place had it, but I picked it up when I briefly lived in Fairbanks in 1986.

(I'll print below the unique information, as many of these informative discussions about NWS stations tend to be almost the same in every one I've seen. -mcs)

"Weather forecasts and warnings are prepared and broadcast by meteorologists at the National Weather Service Forecast Office in Fairbanks. Programming for WXJ-81 includes public forecasts for Fairbanks and vicinity, the Tanana Valley and Denali Park (summer months). Updated weather summaries discuss what is happening around the state, what's causing our current weather, and what the future weather trends are. From September through May, we broadcast a motoring forecast for Alaska highways. During summer months, a recreational river summary and forecast for Tanana Valley rivers and streams is broadcast every 15 minutes."

"NOAA Weather Radio Station WXJ-81 is a very high frequency FM radio station which transmits at a frequency of 162.55 MHz from an antenna located on top of Ester Dome. This weather frequency is included with many multi-band portables..."

"If you have any questions or comments about Weather Radio, call us at 456-0247 or write: National Weather Service Forecast Office, Attn: Weather Radio, 101 12th Avenue, Box 21, Fairbanks, AK 99701."

(Frank also enclosed the coverage map of this station, which may appear somewhere in this or a future VOD. -mcs)

I do have miniscule DX to report:

## FEBRUARY 1990

05 tr 2200 WXM78 162.450 IN Bloomington 240 <--Co-ID for WXJ58 Fort Wayne!  
2205 KEC74 162.550 IN Indianapolis 260

Matt Sittel, NWS News Editor

First, let me set straight the 162.550 SC NWS I've reported recently. It is Charleston, not Florence. Florence, SC is programmed from Columbia, and has different forecasts, voices, etc., than Charleston. Florence's forecasts are for the Midlands, Charleston for the Coastal Counties of South Carolina. Charleston/Myrtle Beach/Cross/Beaufort. This took a trip to South Carolina to figure this all out, and the trip DX report plus all the other DX from Raleigh, Kingsport, and vacation locations follow:

## NWS NEWS, July 1990

### APRIL 1990 Raleigh, NC DX:

01 tr 2316 KEC95 162.400 SC Myrtle Beach 123  
02 tr 0637 WXL42 162.400 NC Winston-Salem 88  
2205 WXL42 162.400 NC Winston-Salem 88  
05 tr 0758 WXL42 162.400 NC Winston-Salem 88  
0825 KEC95 162.400 SC Myrtle Beach 123  
2312 KEC84 162.400 NC New Bern 104  
16 tr 0758 WXL42 162.400 NC Winston-Salem 88  
17 tr 0847 KHB29 162.550 SC Charleston 200  
0848 KHB31 162.550 NC Wilmington 116  
0849 KEC95 162.400 SC Myrtle Beach 123  
19 tr 0739 WXL42 162.400 NC Winston-Salem 88  
0809 KEC95 162.400 SC Myrtle Beach 123  
2230 KEC95 162.400 SC Myrtle Beach 123  
20 tr 0827 WXL42 162.400 NC Winston-Salem 88  
21 tr 0621 KEC95 162.400 SC Myrtle Beach 123  
2257 WXL42 162.400 NC Winston-Salem 88  
23 tr 0741 KEC95 162.400 SC Myrtle Beach 123  
0751 WXL42 162.400 NC Winston-Salem 88  
2232 KEC95 162.400 SC Myrtle Beach 123  
24 tr 0749 KHB29 162.550 SC Charleston 200  
2231 WXL42 162.400 NC Winston-Salem 88  
25 tr 0759 KEC84 162.400 NC New Bern 104  
0836 KEC95 162.400 SC Myrtle Beach 123  
2231 WXL42 162.400 NC Winston-Salem 88  
26 tr 0836 KHB31 162.550 NC Wilmington 116  
0836 KEC95 162.400 SC Myrtle Beach 123  
27 tr 0508 KEC95 162.400 SC Myrtle Beach 123

### APRIL 1990

27 tr 0731 WXL42 162.400 NC Winston-Salem 88  
0911 KHB29 162.550 NC Wilmington 116  
1010 KHB31 162.550 NC Wilmington 116  
1011 WXL59 162.475 NC Rocky Mount 66  
2053 KEC95 162.400 SC Myrtle Beach 123  
2341 KHB29 162.550 SC Charleston 200  
28 tr 0036 KIG77 162.475 NC Cape Hatteras 187  
0038 KEC84 162.400 NC New Bern 104  
0038 KHB31 162.550 NC Wilmington 116  
0717 WXL56 162.400 NC Asheville 253  
29 tr 0930 unID 162.400  
MAY 1990  
01 tr 1034 WXL42 162.400 NC Winston-Salem 88  
2006 WXL42 162.400 NC Winston-Salem 88  
2259 WXL59 162.475 NC Rocky Mount 66  
2325 KEC84 162.400 NC New Bern 104  
02 tr 0422 KEC95 162.400 SC Myrtle Beach 123  
1057 KHB29 162.550 NC Wilmington 116  
2325 KEC95 162.400 SC Myrtle Beach 123  
03 tr 1832 KEC95 162.400 SC Myrtle Beach 123  
2136 WXL42 162.400 NC Winston-Salem 88  
08 tr 0459 KEC84 162.400 NC New Bern 104  
0500 WXL42 162.400 NC Winston-Salem 88  
0501 WXL59 162.475 NC Rocky Mount 66  
0501 KHB31 162.550 NC Wilmington 116  
0546 KEC95 162.400 SC Myrtle Beach 123  
1345 left for Kingsport for summer

Plentiful DX, but nothing really spectacular, like on TV and FM. Still, it shows there was quite a bit of DX in April.

### Myrtle Beach, SC DX: 4/12-15/90

Local: KEC95 162.400 SC Myrtle Beach 15  
12 tr 2211 KHB29 162.550 SC Charleston 88  
2211 KHB31 162.550 NC Wilmington 68  
(both of the above usually in)  
2221 162.475 SC Cross 81  
13 tr 1651 KIG77 162.475 NC Cape Hatteras 221  
(was still in at 2131)  
2140 WXL22 162.550 SC Florence 61  
14 tr 2130 KIG77 162.475 NC Cape Hatteras 221  
2130 KHB29 162.550 SC Charleston 88  
2130 KHB31 162.550 NC Wilmington 68  
2130 162.475 SC Cross 81  
15 tr 0500 KIG77 162.475 NC Cape Hatteras 221

Thankyou to Greg Coniglio and his family for allowing me to stay with them during my visit. There wasn't a lot of DX on any band the whole time. WCJB-20 FL was about as far as we saw on TV. I had my scanner down there to DX NWS with. Both KHB29 and KHB31 seem to be in together at the same time; just turning the whip antenna can bring either one in. So when Florence tries to come in it can get to be a real mess! I still don't know the call letters for the NWS station in Cross; I suppose I should write NOAA to find out what they are.

### Toronto, ON DX: 5/11-16/90

.400 KHA53 Rochester, NY 107  
.400 KEC58 Erie, PA 117  
.475 XMJ225 Toronto, ON 10  
.550 KEB98 Buffalo, NY 63

Plus, I received 161.650 Cobourg, ON and 161.775 Fonthill, ON Coast Guard radio. Distances: Cobourg 64, Fonthill 46. I kept noticing something like taxis or cellular phone noises kept cluttering the NWS band frequently.

### Cambridge, OH DX: 5/17-18/90

.400 unID. (Charleston?) (116)  
.425 WXM72 Hinton, WV 170  
.450 WXM74 Sutton, WV 106  
.475 WXL47 Caldwell, OH 19  
.500 WXM70 Spencer, WV 86  
.550 WXM71 Beckley, WV 157

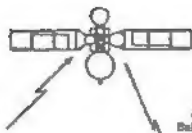
Cambridge is an interesting town to DX from. All of my NWS catches apparently fade in and out all the time if DX is up somewhat. My furthest FM catch was WSLQ-99.1.

### Kingsport, TN DX:

#### MAY 1990

31 Es! 2017 WXX93 162.475 KS Dodge City 985. Boating tips, followed by ID. Apparently their transmitter is on KBSD-6's tower in Ensign. What a catch! You can imagine how excited I was, after reading about everyone else who has caught NWS Es. Now I have, too! Keep listening; if the season so far is any indication of how this season will be, NWS Es could happen again! Did YOU log any on this day or any other? If so, send it in! Matt  
NEXT TIME: Hopefully more NWS Es as DX '90 rolls along...73's and super DX!!!

# SATELLITE NEWS



GEORGE W. JENSEN  
4804 Armitage Avenue  
Baltimore, MD 21206-4220

Sorry about the lack of a column last month, but there were many equipment problems with the result that I decided to do some up-grading and changing. HQ will be glad to know that the next change will be a new typewriter.

Many minor changes in programming will be indicated in the yearly review lists coming in June and July (July and Aug. issues) thus only a few odds and ends this go-round.

Telstar 303 - It appears that this bird will almost exclusively be used for the TVN Pay-Per-View service which will use a Mac type scrambling. (This service will consume 10 transponders when fully operational) Spacenet 2 continues to grow more and more active. SCOLA is now on XPER 16 Primary with testing on 1h (Mostly USSR 1) A Sports Channel type of programmer is on XPER 19. (KBL - Pittsburgh) XPER is Telemundo (9) while 10 is the primary ECO feed from Mexico City. XPER 22 occasionally has Swissair Airborne News put together from CNN.

Since last column the ESPN feed on PanAMSat Ku (Mac scrambled) has moved to C. CNN hybrid bi-lingual feed remains on Ku XPER 15 in the clear. (With my new Uniden I hope to be able to be more accurate with Ku channel listings.).

Satcom 3 - XPER 14 is no longer VISA, but a VCI Cable promo channel. VISA will remain on Satcom 3 but on another XPER.

MovieTime is now called E! Entertainment TV. This is on Satcom 3 XPER 15.

As reported in the current Orbit Magazine - SportsChannel services on Satcom 4 are moving around. More about this in the Yearly Wrap-Up next month. I just wish these channels would ID with specifics more often.

Orbit and other sources also report the following planned services and their start dates:

Southeast Sports - 1991  
Career TV Network - 1991  
InCourt - September 1990  
Cowboy Channel - Fall, 1990  
American Media Lawyer Channel - October, 1990  
Chiller Channel - Halloween, 1990  
Prime-Sports - Upper Midwest - November, 1990  
Global Village Network - 1991  
Sci-Fi Channel - Early 1991  
How To Channel - Early 1991  
Checkout Channel - Early 1991  
K-Prime - Early 1991 (Pay-Per-View on K-1) also Superstations not using VCI  
Sky Cable - 1994 - Ku service also not using VCI.

When Satellites and Transponders are known for these services I will pass them along. That's all for now - see you in 30.



THIS MONTH: Quickie Memory Joggers

WRITTEN BY TOM BRYANT  
849 Todd Preis Drive  
Nashville, TN 37221

## REMEMBER WHEN . . .

...You experienced the thrill of logging your first E-skip DX catch?

...Most stations didn't begin programming until late afternoon and ran test patterns all day?

...Cigarette commercials were as common as car ads are today?

...Test signals almost always had an ID? Most U.S. stations used some version of the 'Indian Head' pattern while some CBS affiliates used the gray-scale 'bullseye'. [Note: Even then, many Canadian patterns did not include ID.]

...Huntley and Brinkley were the hottest news team on the tube?

...All TV sets were made in the U.S.?

...TV's most famous chimp, J. Fred Muggs, was a regular on 'Today' with host Dave Garraway?

...Most cities had only one or two stations on the air?

...Host Jack Paar, disgusted by NBC censorship, walked off the set of the 'Tonight' show?

...Receiver manufacturers included Westinghouse, Muntz, Hoffman, and DuMont?

...There was no such thing as a transistor in tv circuitry?

...16 MM movie cameras were the preferred means of news gathering?

...Everything was telecast in black and white?

...Stations were eager to confirm DX reports?

...You watched in awe as the astronauts stepped onto the lunar surface from the Eagle landing craft?

...Groucho's 'duck' came down to reveal the secret word?

...NBC first linked the Atlantic with the Pacific via microwave relay?

...TV receivers didn't have UHF tuners?

...Ed Sullivan was the king of tv variety show hosts?

...The CBS Evening News was a 15 minute offering anchored by Douglas Edwards?

...Election returns were handwritten on blackboards, and erased to make way for updates?

...Arthur Godfrey played his ukulele and touted the merits of Lipton Products?

...FCC Chairman Newton Minow blasted American tv as a 'vast wasteland'?

**MEMORIES:** We all indulge in the recollection of simpler times and the pleasures of those fleeting moments in history!